SAMSUNG

BD-E5200
BD-E5300

Blu-ray™ Disc Player

user manual

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ENGLISH

Key features

Blu-ray Disc Features

Blu-ray Discs support the highest quality HD video available in the industry - Large capacity means no compromise on video quality.
The following Blu-ray Disc features are disc dependant and will vary. Appearance and navigation of features will also vary from disc to disc. Not all discs will have the features described below.

Video highlights

The BD-ROM format supports three highly advanced video codecs, including AVC, VC-1 and MPEG-2.
HD video resolutions are also supported:

- 1920 x 1080 High Definition
- 1280 x 720 High Definition

For High-Definition Playback

To view high-definition contents on a Blu-ray Disc, you need an HDTV (High Definition Television). Some Blu-ray Discs may require you to use the player's HDMI OUT to view high-definition content. The ability to view high-definition content on Blu-ray Discs may be limited depending on the resolution of your TV.

BD-LIVE

You can use a Blu-ray Disc that supports BD-LIVE to download content provided by the disc manufacturer through a network connection.

Blu-ray Disc Player Features

AllShare

You can play videos, music, and photos saved on your devices (such as your PC or NAS [Network-Attached Storage]) through a network connection.

Playing multimedia files

You can use the USB connection to play various kinds of multimedia files (MP3, JPEG, DivX, etc.) located on a USB storage device.

Safety Information

Warning

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK).
NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
The lighting flash and Arrowhead within the triangle is a warning sign alerting you of dangerous voltage inside the product.	**CAUTION**: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	The explanation point within the triangle is a warning sign alerting you of important instructions accompanying the product.

Do not install this equipment in a confined space such as a bookcase or similar unit.

WARNING

To prevent damage which may result in fire or electric shock hazard, do not expose this appliance to rain or moisture.

CAUTION

Blu-ray Disc Player USES AN INVISIBLE LASER BEAM WHICH CAN CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE Blu-ray Disc Player CORRECTLY AS INSTRUCTED.

CLASS 1 LASER product

This Compact Disc player is classified as a CLASS
1 LASER product. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION :

- CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO THE BEAM (IEC 60825-1)
- THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVER AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

CLASS 1	**LASER PRODUCT**
KLASSE 1	**LASER PRODUKT**
LUOKAN 1	**LASER LAITE**
KLASS 1	**LASER APPARAT**
PRODUCTO	**LÁSER CLASE 1**

This product satisfies CE regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

IMPORTANT NOTE

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug.
If it requires replacing, a fuse approved to BS1362 of the same rating must be used.
Never use the plug with the fuse cover omitted if the cover is detachable. If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug. Replacement covers are available from your dealer.
If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance.
However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do not connect the plug to a mains jack, as there is a risk of shock hazard from the bared flexible cord.
To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.
The product unit accompanying this user manual is licensed under certain intellectual property rights of certain third parties.

Precautions

Important Safety Instructions

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below.
Keep these operating instructions handy for future reference.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including AV receivers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Disc Storage & Management

Disc Handling

Disc Shape

- Use discs with regular shapes. If you use an irregular disc (a disc with a special shape), you can damage the player.

Holding discs

- Avoid touching the surface of a disc where data has been recorded.

Blu-ray Discs

- Do not leave a Blu-ray Disc in the player for long periods of time. Remove the Blu-ray Disc from the player and store it in its case.
- Be careful not to scratch or leave fingerprints on the surface of the Blu-ray Disc.

DVD-VIDEO, Audio CD (CD-DA)

- Wipe off dirt or contamination on the disc with a soft cloth.

Disc Storage

Be careful not to damage the disc because the data on these discs is highly vulnerable to the environment.

- Do not keep under direct sunlight.
- Keep in a cool ventilated area.
- Store vertically.
- Keep in a clean, protective jacket.
- If you move your player suddenly from a cold place to a warm place, condensation may occur on the operating parts and lens and cause abnormal disc playback. If this occurs, unplug the player, wait for two hours, and then connect the plug to the power outlet. Then, insert the disc, and try to play back again.

Handling Cautions

- Do not write on the printed side with a ball-point pen or pencil.
- Do not use record cleaning sprays or antistatic sprays to clean discs. Also, do not use volatile chemicals, such as benzene or thinner.
- Do not apply labels or stickers to discs. (Do not use discs fixed with exposed tape adhesive or leftover peeled-off stickers.)

- Do not use scratch-proof protectors or covers.
- Do not use discs printed with label printers available on the market.
- Do not load warped or cracked discs.
- Before connecting other components to this player, be sure to turn them off.
- Do not move the player while it is playing a disc. The disc can be scratched or damaged and the player's internal parts can be damaged.
- Do not put a flower vase filled with water or any small metal objects on the player.
- Be careful not to put your hand into the disc slot.
- Do not place anything other than the disc in the disc slot.
- Interference from exterior sources such as lightening and static electricity can affect the normal operation of this player. If this occurs, turn the player off and on again with the 电源 button, or disconnect and then reconnect the AC power cord to the AC power outlet. The player will operate normally.
- Be sure to remove the disc and turn off the player after use.
- Disconnect the AC power cord from the AC outlet when you don't intend to use the player for long periods of time.
- To clean a disc, wipe it in a straight line from the inside to the outside of the disc.

- Do not expose the player to any liquid.
- When the AC plug is connected to a wall outlet, the player will still draw power (standby mode) when it is turned off.
- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- The main plug is used as a disconnect device and shall stay readily operable at any time.
- Do not touch the power plug with a wet hand. Otherwise, it can cause an electric shock.
- Do not share one power socket with multiple electric devices. Otherwise, it may cause an overheat, resulting in a fire.
- If you encounter an abnormal noise, burning smell or smoke, turn off the power switch immediately and disconnect the power plug from the wall outlet. Then, contact the nearest customer center for technical assistance. If you still use the product as it is, this may cause an electric shock or fire.

Maintenance of Cabinet

Before you clean the Blu-ray Disc's cabinet, be sure to disconnect the AC power cord from the AC outlet.

- Do not use benzene, thinner, or other solvents for cleaning.
- Wipe the cabinet with a soft cloth.

Restrictions on Playback

- This player may not respond to all operating commands because some Blu-ray Disc, DVD, and CD discs allow specific or limited operation and provide only certain features during playback.
  Please note that this is not a defect in the player.
- Samsung cannot guarantee that this player will play every disc bearing the Blu-ray Disc, DVD or CD logo because disc formats evolve, and problems and errors may occur during the creation of Blu-ray Disc, DVD, and CD software and/or the manufacture of discs.
  Please contact the SAMSUNG customer care center if you have questions or encounter difficulty in playing Blu-ray Disc, DVD, or CD discs in this player. Also, refer to rest of this user manual for additional information on playback restrictions.

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Getting Started

Before using the User Manual

Disc Types and Contents your player can play

Content	Logo	Icon	Definition
VIDEO	Blu-ray Disc	BD-ROM BD-RE/-R	Indicates a function available on a BD-ROM or BD-RE/-R disc recorded in the BD-RE format.
	DVD VIDEO DVD RW DVD R DVD+RW/DVD+R DVD+R DVD-R	DVD-VIDEO DVD-RW/+R	Indicates a function available on a DVD-VIDEO or recorded DVD+RW/DVD-RW(V)/DVD-R/+R discs that have been recorded and finalized.
	-	DivX/MKV/MP4	Indicates a function available on a CD-RW/-R, DVD-RW/-R, BD-RE/-R disc or in a USB storage media containing DivX, MKV, MP4 contents.
MUSIC	COMPACT disc DIGITAL AUDIO	Audio CD	Indicates a function available on an audio CD-RW/-R (CD-DA format).
	-	MP3/WMA	Indicates a function available on a CD-RW/-R, DVD-RW/-R, BD-RE/-R disc or in a USB storage media containing MP3 or WMA contents.
PHOTO	-	JPEG	Indicates a function available on a CD-RW/-R, DVD-RW/-R, BD-RE/-R disc or in a USB storage media containing JPEG contents.

✎ NOTE

- The player may not play certain CD-RW/-R and DVD-R because of the disc type or recording conditions.
- If a DVD-RW/-R disc has not been recorded properly in DVD video format, it will not be playable.
- Your player will not play content that has been recorded on a DVD-R at a bit-rate that exceeds 10 Mbps.
- Your player will not play content that has been recorded on a BD-R or USB device at a bit rate that exceeds 25 Mbps.

Disc types your player cannot play

- HD DVD
- DVD-ROM/PD/MV-Disc, etc
- DVD-RAM
- Super Audio CD (except CD layer)
- DVD-RW(VR mode)
- CVD/CD-ROM/CDV/CD-G/CD-I/LD (CD-Gs play audio only, not graphics.)
- 3.9 GB DVD-R Disc for Authoring.

✎ NOTE

- Some commercial discs and DVDs discs purchased outside your region may not play on this player.
- Playback may not work for some types of discs, or when you use specific operations, such as angle change and aspect ratio adjustment. Information about the discs is written in detail on the disc box. Please refer to this if necessary.
- Do not allow the disc to become dirty or scratched. Fingerprints, dirt, dust, scratches or deposits of cigarette smoke on the recording surface may make it impossible to use the disc for playback.
- When you play a BD-J title, loading may take longer than a normal title or some functions may perform slowly.
- This player may not respond to all operating commands because some Blu-ray Disc, DVD, and CD discs allow specific or limited operation and provide only certain features during playback. Please note that this is not a defect in the player.
- Samsung cannot guarantee that this player will play every disc bearing the Blu-ray Disc, DVD or CD logo because disc formats evolve, and problems and errors may occur during the creation of Blu-ray Disc, DVD, and CD software and/or the manufacture of discs.
  Please contact the SAMSUNG customer care center if you have questions or encounter difficulty when playing Blu-ray Disc, DVD, or CD discs in this player. Also, refer to rest of this user manual for additional information on playback restrictions.

Blu-ray Disc Compatibility

Blu-ray Disc is a new and evolving format. Accordingly, disc compatibility issues are possible. Not all discs are compatible and not every disc will play back. For additional information, refer to the Compliance and Compatibility Notice section of this user manual.

Disc Types

BD-ROM

Blu-ray ROM discs can only be played back. This player can play back pre-recorded commercial BD-ROM discs.

BD-RE/-R

Blu-ray RE/-R discs can be recorded on and played back.
This player can play back a BD-RE/-R disc recorded by other compatible Blu-ray Disc recorders.

DVD-VIDEO

- This player can play back pre-recorded commercial DVDs (DVD-VIDEO discs) with movies.
- When switching from the first layer to the second layer of a dual-layered DVD-VIDEO disc, there may be momentary distortion in the image and sound. This is not a malfunction of the player.

DVD-RW/-R/+R

This player can play back a DVD-RW/-R/+R disc recorded and finalized with a DVD video recorder. The ability to play back may depend on recording conditions.

DVD+RW

- This player can play back a DVD+RW disc recorded with a DVD Video recorder. The ability to play back may depend on recording conditions.

Audio CD (CD-DA)

- This player can play back CD-DA format audio CD-RW/-R discs.
- The player may not be able to play some CD-RW/-R discs due to the condition of the recording.

CD-RW/-R

- Use a 700MB (80 minute) CD-RW/-R disc. If possible, do not use an 800MB (90 minute) or larger disc, as the disc may not play back.
- If the CD-RW/-R disc was not recorded as a closed session, you may experience delays when playing back the beginning of the disc or all recorded files may not play.
- Some CD-RW/-R discs may not play on this player, depending on the device which was used to burn them. For contents recorded on CD-RW/-R media from CDs for your personal use, playability may vary depending on the contents and discs.

AVCHD (Advanced Video Codec High Definition)

- This player can play back AVCHD format discs. These discs are normally recorded and used in camcorders.
- The AVCHD format is a high definition digital video camera format.
- The MPEG-4 AVC/H.264 format compresses images with greater efficiency than the conventional image compressing format.
- Some AVCHD discs use the "x.v.Color" format. This player can play back AVCHD discs that use "x.v.Color" format.
- "x.v.Color" is a trademark of Sony Corporation.
- "AVCHD" and the AVCHD logo are trademarks of Matsushita Electronic Industrial Co., Ltd. and Sony Corporation.

✎ **NOTE**

- Some AVCHD format discs may not play, depending on the recording condition. AVCHD format discs need to be finalized.
- "x.v.Color" offers a wider colour range than normal DVD camcorder discs.
- Some DivX, MKV and MP4 format discs may not play, depending on the video resolution and frame rate condition.

Region Code

Both players and discs are coded by region. These regional codes must match for a disc to play. If the codes do not match, the disc will not play.
The Region Code for this player is displayed on the rear panel of the player.

Disc Type	Region Code	Area
Blu-ray Disc	A	North America, Central America, South America, Korea, Japan, Taiwan, Hong Kong and South East Asia.
	B	Europe, Greenland, French territories, Middle East, Africa, Australia and New Zealand.
	C	India, China, Russia, Central and South Asia.
DVD-VIDEO	1	The U.S., U.S. territories and Canada
	2	Europe, Japan, the Middle East, Egypt, South Africa, Greenland
	3	Taiwan, Korea, the Philippines, Indonesia, Hong Kong
	4	Mexico, South America, Central America, Australia, New Zealand, Pacific Islands, Caribbean
	5	Russia, Eastern Europe, India, most of Africa, North Korea, Mongolia
	6	China

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Supported File Formats

Notes on the USB connection

- Your player supports USB storage media, MP3 players, digital cameras, and USB card readers.
- The player does not support folder or file names longer than 128 characters.
- Some USB/External HDD/digital camera devices may not be compatible with the player.
- Your player supports the FAT16, FAT32, and NTFS files systems.
- Connect USB devices directly to the player's USB port. Connecting through a USB cable may cause compatibility problems.
- Inserting more than one memory device into a multi-card reader may cause the reader to operate improperly.
- The player does not support the PTP protocol.
- Do not disconnect a USB device during a "loading" process.
- The bigger the image resolution, the longer the image takes to display.
- This player cannot play MP3 files with DRM (Digital Rights Management) downloaded from commercial sites.
- Your player only supports the video that is under 30fps (frame rate).

Video File Support

File Extension	Container	Video Codec	Audio Codec	Resolution
*.avi	AVI	DivX 3.11/4.x/5.1/6.0	MP3 Dolby Digital DTS WMA PCM	1920x1080
		MP4v3		1920x1080
		H.264 BP/MP/HP		1920x1080
*.mkv	MKV	VC-1 AP	MP3 Dolby Digital DTS	1920x1080
		DivX 5.1/6.0		1920x1080
		H.264 BP/MP/HP		1920x1080
*.wmv	WMV (wmv9)	VC-1 AP	WMA	1920x1080
		VC-1 SM		1920x1080
*.mp4	MP4	MP4 (mp4v)	AAC	1920x1080
		H.264 BP/MP/HP		1920x1080
*.mpg *.mpeg	PS	MPEG1	MP1, 2 Dolby Digital DTS	1920x1080
		MPEG2		1920x1080
		H.264 BP/MP/HP		1920x1080

• Limitations

- Even when the file is encoded by a supported codec mentioned above, a file might not be played if its content has a problem.
- Normal playback is not guaranteed if the file's container information is wrong or the file itself is corrupted.
- Files having higher Bit rate/frame rate than standard may stutter during sound/video playback.
- The Seek (skip) function is not available if the file's index table is damaged.

• Video decoder

- Supports up to H.264 Level 4.1and AVCHD
- Does not support H.264 FMO/ASO/RS, and VC1 SP/MP/AP L4
- XVID, MPEG4 SP, ASP :
  Below 1280 x 720 : 60 frames max
  Above 1280 x 720 : 30 frames max
- Does not support GMC 2 or higher

• Audio decoder

- Supports WMA 7, 8, 9 and STD
- Does not support WMA sampling rate of 22050Hz mono.

Music File Support

File Extension	Container	Audio Codec	Support Range
*.mp3	MP3	MP3	-
*.wma	WMA	WMA	* Sampling rates (in kHz) - 8, 11, 16, 22, 32, 44.1, 48 * Bit rates - All bit-rates from 5kbps to 384kbps

Logos of Discs the player can play

Blu-ray Disc	BD-LIVE	PAL broadcast System in U.K., France, Germany, etc

Accessories

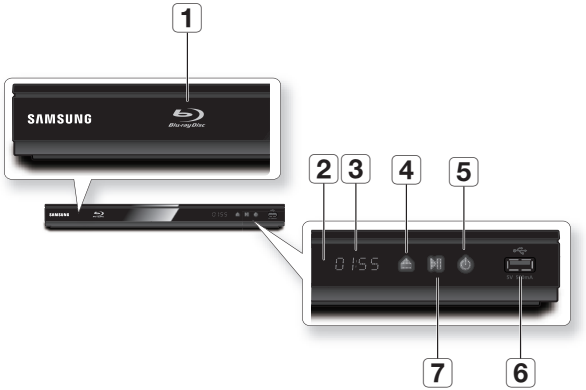
Check for the supplied accessories shown below.

Batteries for Remote Control (AAA Size)

User Manual

Remote Control

Front Panel

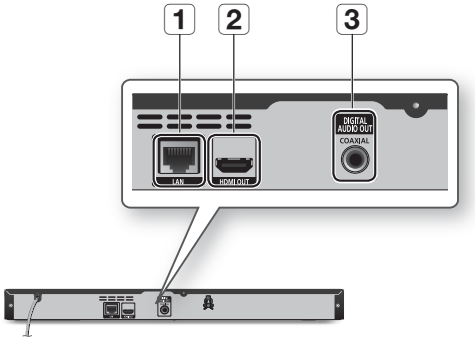


1	DISC TRAY	Opens to accept a disc.
2	REMOTE CONTROL SENSOR	Detects signals from the remote control.
3	DISPLAY	Displays the playing status, time, etc.
4	OPEN/CLOSE BUTTON	Opens and closes the disc tray.
5	POWER BUTTON	Turns the player on and off.
6	USB HOST	You can connect a USB memory flash stick here and use it as storage when the player is connected to BD-LIVE. You can also use the USB Host for software upgrades and MP3/JPEG/DivX/MKV/MP4 playback.
7	PLAY/PAUSE BUTTON	Plays a disc or pauses playback.

✎ NOTE

- You can perform software upgrades using the USB Host jack with a USB flash memory stick only.
- When the player displays the Blu-ray Disc menu, you cannot start the movie by pressing the Play button on the player or the remote. To play the movie, you must select Play Movie or Start in the disc menu, and then press the **ENTER** button.

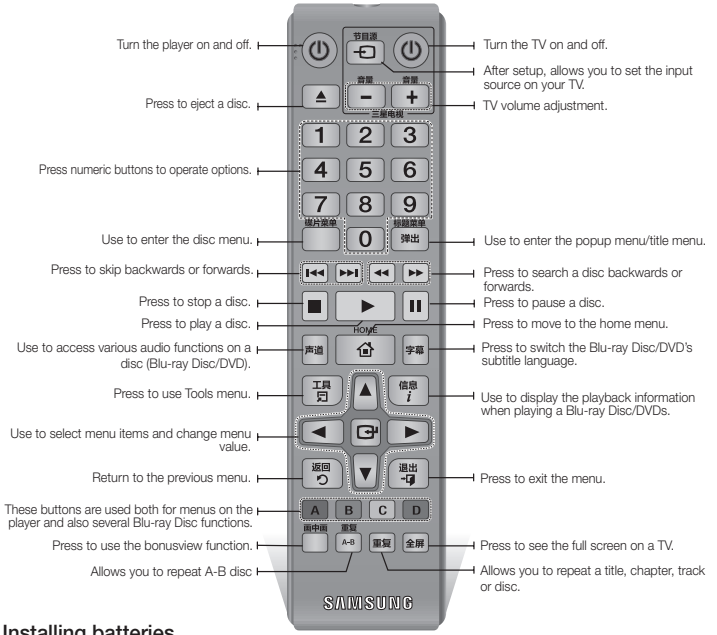
Rear Panel



1	LAN	Use for network based services, BD-LIVE, and software upgrades using a network connection.
2	HDMI OUT	Using an HDMI cable, connect this HDMI output terminal to the HDMI input terminal on your TV for the best quality picture or to your AV receiver for the best quality sound.
3	DIGITAL AUDIO OUT	Connects to an AV receiver.

Remote Control

Tour of the Remote Control


Turn the player on and off.
Turn the TV on and off.
After setup, allows you to set the input source on your TV.
Press to eject a disc.
TV volume adjustment.
Press numeric buttons to operate options.
Use to enter the disc menu.
Use to enter the popup menu/title menu.
Press to skip backwards or forwards.
Press to search a disc backwards or forwards.
Press to stop a disc.
Press to pause a disc.
Press to play a disc.
Press to move to the home menu.
Use to access various audio functions on a disc (Blu-ray Disc/DVD).
Press to switch the Blu-ray Disc/DVD's subtitle language.
Press to use Tools menu.
Use to display the playback information when playing a Blu-ray Disc/DVDs.
Use to select menu items and change menu value.
Return to the previous menu.
Press to exit the menu.
These buttons are used both for menus on the player and also several Blu-ray Disc functions.
Press to use the bonusview function.
Press to see the full screen on a TV.
Allows you to repeat A-B disc
Allows you to repeat a title, chapter, track or disc.
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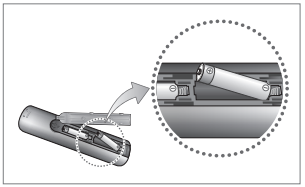
Installing batteries



✎ **NOTE**

- If the remote does not operate properly:
  - Check the polarity (+/–) of the batteries.
  - Check if the batteries are drained.
  - Check if the remote sensor is blocked by obstacles.
  - Check if there is any fluorescent lighting nearby.

! CAUTION

- Dispose of batteries according to local environmental regulations. Do not put them in the household trash.

Connections

A. Connecting to a TV

Connecting to a TV with an HDMI Cable - Best Quality

1. Using an HDMI cable, connect the **HDMI OUT** terminal on the rear of the player to the **HDMI IN** terminal of your TV. See page 11.
2. Turn on the player and TV.
3. Press the input selector on your TV remote control until the HDMI signal from the player appears on your TV screen.

✎ **NOTE**

- An HDMI cable outputs digital video/audio, so you don't need to connect an audio cable.
- If the player is connected to your TV in the HDMI 720p, 1080i, or 1080p output mode, you must use a High speed (category 2) HDMI cable.
- HDMI outputs only a pure digital signal to the TV.
  If your TV does not support HDCP (High-bandwidth Digital Content Protection), random noise appears on the screen.
- Depending on your TV, certain HDMI output resolutions may not work. Please refer to the user manual of your TV.
- When you connect the player to the TV using the HDMI cable for the first time or to a new TV, the HDMI output resolution will be automatically set to the highest supported by the TV.
- A long HDMI cable may cause screen noise. If this occurs, set Deep Color to Off in the menu.
- If you use an HDMI-to-DVI cable to connect to your display device, you must also connect the Digital Audio Out to an audio sytem to hear audio.

B. Connecting to an Audio System

- Please turn the volume down when you turn on the AV receiver. A sudden loud sound may cause damage to the speakers and your ears.
- Please set the audio format according to the capabilities of your AV receiver.
- The position of HDMI input terminals may vary depending on your AV receiver. Please refer to the user manual of your AV receiver.

Case 1 : Connecting to an Audio System (HDMI supported AV receiver) - Best Quality (Recommended)

1. Using an HDMI cable, connect the **HDMI OUT** terminal on the rear of the player to the **HDMI IN** terminal of your AV receiver. See page 11.
2. Using an HDMI cable, connect the **HDMI OUT** terminal of the AV receiver to the **HDMI IN** terminal of your TV.
3. Turn on the player, TV, and AV receiver.
4. Using the input select button of the AV receiver and TV, select the correct HDMI input or each to hear sound and see video from the player. Refer to your AV receiver's user manual to set the AV receiver's audio input.

Case 2 : Connecting to an Audio System (AV receiver with Dolby Digital or DTS decoder) - Better Quality

1. Using a coaxial cable, connect the **DIGITAL AUDIO OUT (COAXIAL)** terminal on the rear of the player to the **DIGITAL AUDIO IN (COAXIAL)** terminal of your AV receiver. See page 11.
2. Using an HDMI cable, connect the **HDMI** terminal on the rear of the player to the **HDMI** terminal of your TV.
3. Turn on the player, TV, and AV receiver.
4. Press the input select button of the AV receiver to select the correct external input and hear sound from the player. Refer to your AV receiver's user manual to set the AV receiver's audio input.
5. Press the input selector on your TV remote control to select the HDMI video source.

C. Connecting to a Network

This player lets you use network based services such as BD-LIVE, and download software upgrades when it is connected to a network. We recommend using a Broadband modem (with integrated router) or IP router for the connection. For more information on router connections, refer to the user manual of the router or contact the router manufacturer for technical assistance.

Cable Network

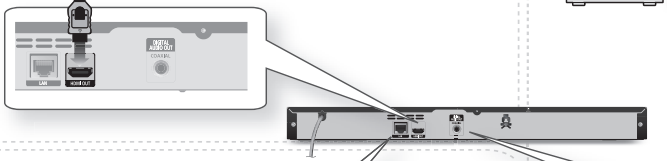
1. Using a Direct LAN (UTP) CAT 5 cable, connect the LAN terminal of the player to the LAN terminal of your modem or router. See page 11
2. Set the network options. See page 16.

✎ **NOTE**

- Internet access to Samsung's software update server may not be allowed, depending on the router you use or your ISP's policy. For more information, contact your ISP (Internet Service Provider).
- DSL users, please use a router to make a network connection.
- To use the AllShare function, you must connect your PC to your network as shown in the figure. The connection can be wired.

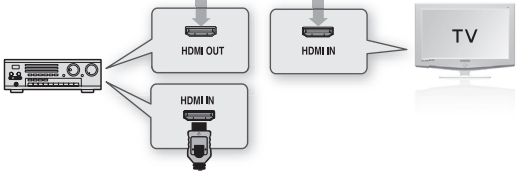
A Connecting to a TV

HDMI cable
(not included)

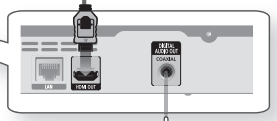


B Connecting to an Audio System

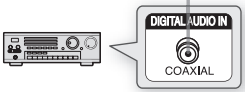
Case 1 : HDMI cable
(not included)



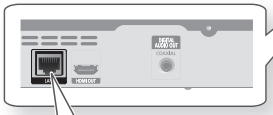
Case 1 : HDMI cable
(not included)

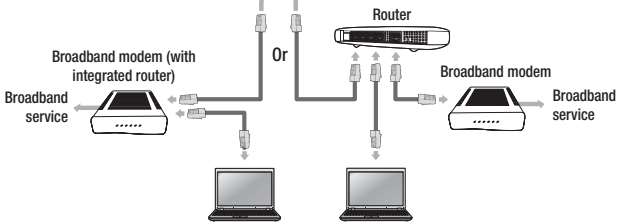


Case 2 : Coaxial cable
(not included)



C Network



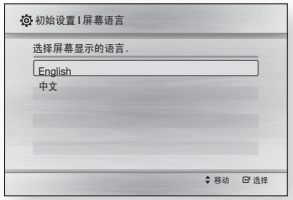


Networking with PC for AllShare function

✎ **NOTE** : You can only connect this unit to a network via a wired connection.

The Initial Settings Procedure

1. Turn on your TV after connecting the player.
   When you connect the player to a TV for the first time, the player turn on automatically and the Initial Settings screen appears.

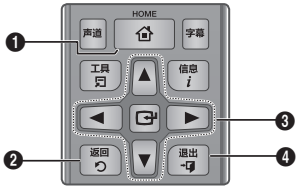


2. Use the ▲▼ buttons on the remote to select the desired language, and then press the **ENTER** button.
3. Press the **ENTER** button to select **Start**.
4. Use the ▲▼ buttons to select an Aspect Ratio, and then press the **ENTER** button.
5. Select **Auto**, and then press the **ENTER** button. If you do not have a home network, press the **BLUE (D)** button on your remote. You will go directly to the Home menu.
6. The Blu-ray player automatically verifies your wired network. When verification in complete, the screen displays "Your network is operating properly." Press the **ENTER** button.
7. The "Initial settings completed." message appears, and then the Home screen appears.
   - If you Blu-ray player does not connect to your network or you want to connect manually, go to Network Setup on page 16.

✎ NOTE

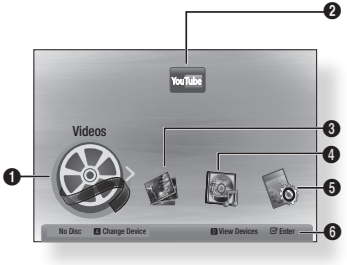
- The Home menu will not appear if you do not configure the initial settings except as noted below.
- If you press the **BLUE (D)** button during network setup, you can access the Home menu even if the network setup is not completed yet.
- When you return to the Home menu, the full screen mode is cancelled automatically.
- If you want to display the Initial Setting screen again to make changes, press the **PLAY/PAUSE** ( ) button on the front panel of the player for more than 5 seconds with no disc inserted. This resets the player to its default settings.
- If you use an HDMI cable to connect the player to an **Anynet+(HDMI-CEC)**-compliant Samsung TV and 1.) You have set the **Anynet+(HDMI-CEC)** feature set to **On** in both the TV and the player and 2.) You have set the TV to a language supported by the player, the player will select that language as the preferred language automatically.
- If you leave the player in the stop mode for more than 5 minutes without using it, a screen saver will appear on your TV. If the player is left in the screen saver mode for more than 25 minutes, the power will automatically turn off.

Menu Navigation



❶	**HOME** Button : Press to move to the Home menu.
❷	返回 Button : Return to the previous menu.
❸	**ENTER / DIRECTION** Button : Move the cursor or select an item. Activate the currently selected item. Confirm a setting.
❹	退出 Button : Press to exit the current menu.

• Home Menu



❶	Selects Videos.
❷	Selects Photos.
❸	Selects Music.
❹	Selects Settings.
❺	Displays the buttons you can use on the remote to access functions.

Accessing the Settings Menu

To access the Settings menu and sub-menus, follow these steps:

1. Press the 电源 button.
   The Home Menu appears.
2. Press the ◄► buttons to select **Settings**, and then press the **ENTER** button.
3. Press the ▲▼ buttons to select the desired submenu, and then press the **ENTER** button.
4. Press the ▲▼ buttons to select the desired item, and then press the **ENTER** button.
5. Press the 退出 button to exit the menu.

✎ NOTE

- The access steps may differ depending on the menu you selected. The OSD (On Screen Display) may change in this player after you upgrade the software version.

Display

You can configure various display options such as the TV Aspect Ratio, Resolution, etc.

TV Aspect Ratio

Depending on the type of television you have, you may want to adjust the screen size setting.

- **16:9 Original** : Select when you connect the player to a 16:9 TV screen. The player will display all content in its original aspect ratio.
  Content formatted in 4:3 will be displayed with black bars on the left and right.
- **16:9 Full** : Select when you connect the player to a 16:9 TV screen. All content will fill the full screen. Content formatted in 4:3 will be stretched.
- **4:3 Letter Box** : Select when you connect the player to a 4:3 TV screen. The player will display all content in its original aspect ratio. Content formatted in 16:9 will be displayed with black bars on the top and bottom.
- **4:3 Pan-Scan** : Select when you connect the player to a 4:3 TV screen. 16:9 content will have the extreme left and right portions cut off.

✎ **NOTE**

- Depending on the disc type, some aspect ratios may not be available.
- If you select an aspect ratio and option which is different than the aspect ratio of your TV screen, then the picture might appear to be distorted.
- If you select the 4:3 Pan-Scan or 4:3 Letter Box, pressing the **FULL SCREEN** button on the remote will not bring up a full screen picture.
- If you select the 16:9 Original, your TV may display 4:3 Pillarbox (black bars on sides of picture). If this occurs, pressing the **FULL SCREEN** button on the remote will not bring up a full screen picture.

BD Wise (Samsung Players only)

BD Wise is Samsung's latest inter-connectivity feature.

When you connect a Samsung player and a Samsung TV with BD Wise to each other via HDMI, and BD Wise is on in both the player and TV, the player outputs video at the video resolution and frame rate of the Blu-ray Disc/DVDs.

- **Off** : The output resolution stays fixed at the resolution you set previously in the Resolution menu, regardless of the resolution of the disc.
- **On** : The player outputs video at the original resolution and frame rate of the Blu-ray Disc/DVDs.

✎ **NOTE**

- When BD Wise is on, the Resolution setting automatically defaults to BD Wise and BD Wise appears in the Resolution menu.
- If the player is connected to a device that does not support BD Wise, you can not use the BD Wise function.
- For proper operation of BD Wise, set the BD Wise menu of both the player and the TV to **On**.

Resolution

Lets you set the output resolution of the HDMI video signal to Auto, 1080p, 1080i, 720p or 576p/480p. The number indicates the number of lines of video per frame. The i and p indicate interlaced and progressive scan, respectively. The more lines, the higher the quality.

- **Auto** : Automatically sets the output resolution to the connected TV's maximum resolution.
- **BD Wise** : Automatically sets the resolution to the resolution of the Blu-ray Disc/DVDs if you have connected the player via HDMI to a TV with the BD Wise feature. (The BD Wise menu item appears only if BD Wise is set to **On**. See BD Wise above.)
- **1080p** : Outputs 1080 lines of progressive video.
- **1080i** : Outputs 1080 lines of interlaced video.
- **720p** : Outputs 720 lines of progressive video.
- **576p/480p** : Outputs 576/480 lines of progressive video.

Resolution according to the output mode

- **Blu-ray Disc/E-contents/Digital Contents playback**

Setup \ Output	HDMI / connected	
	HDMI Mode	
	Blu-ray Disc	E-contents/Digital contents
BD Wise	Resolution of Blu-ray Disc	1080p
Auto	Max. Resolution of TV input	Max. Resolution of TV input
1080p@60F (Movie Frame : Off)	1080p@60F	1080p@60F
Movie Frame : Auto (24Fs)	1080p@24F	1080p@24F
1080i	1080i	1080i
720p	720p	720p
576p/480p	576p/480p	576p/480p

- **DVD playback**

Setup \ Output	HDMI / connected
	HDMI Mode
BD Wise	576i/480i
Auto	Max. Resolution of TV input
1080p	1080p
1080i	1080i
720p	720p
576p/480p	576p/480p

✎ NOTE

- If the TV you connected to the player does not support Movie Frame or the resolution you selected, the message "If no pictures are shown after selecting 'Yes', please wait for 15 seconds to return to the previous resolution. Do you want to change the resolution?" appears. If you select Yes, the TV's screen will go blank for 15 seconds, and then the resolution will revert to the previous resolution automatically.
- If the screen stays blank after you have changed the resolution, remove all discs, and then press and hold the **PLAY/PAUSE** (⏯) button on the front of the player for more than 5 seconds. All settings are restored to the factory default. Follow the steps on the previous page to access each mode and select the Display Setup that your TV will support.
- When the factory default settings are restored, all stored user BD data is deleted.
- The Blu-ray Disc must have the 24 frame feature for the player to use the Movie Frame (24Fs) mode.

Movie Frame (24Fs)

Setting the Movie Frame (24Fs) feature to **Auto** allows you to adjust the player's HDMI output to 24 frames per second for improved picture quality. You can enjoy the Movie Frame (24Fs) feature only on a TV supporting this frame rate.
You can select Movie Frame only when the player is in the HDMI 1080i or 1080p output resolution modes.

- **Auto** : Movie Frame (24Fs) functions work.
- **Off** : Movie Frame (24Fs) functions are off.

HDMI Color Format

Lets you set the color space format for HDMI output to match the capabilities of the connected device (TV, monitor, etc).

- **Auto** : Automatically sets the player to the optimum format supported by your device.
- **YCbCr (4:4:4)** : If your TV supports the YCbCr color space via HDMI, select this to output the normal YCbCr color gamut.
- **RGB (Standard)** : Select to output the normal RGB color gamut.
- **RGB (Enhanced)** : If you have connected the player to a DVI display device such as a monitor, select this to output the enhanced RGB color gamut.

HDMI Deep Color

Lets you output video from the HDMI OUT jack with Deep Color. Deep Color provides more accurate color reproduction with greater color depth.

- **Auto** : The player outputs video with Deep Color to a connected TV which supports HDMI Deep Color.
- **Off** : The picture is output without Deep Color.

Progressive Mode

Lets you improve picture quality when viewing DVDs.

- **Auto** : Select to have the player automatically select the best picture quality for the DVD you're watching.
- **Video** : Select for the best picture quality from concert or TV show DVDs.

Audio

Digital Output

Set the Digital Output to match the capabilities of the AV receiver you've connected to the player :

- **PCM** : This is the default setting. It is compatible with most TVs and receiver.
- **Bitstream (Unprocessed)** : Choose if you want your receiver to decode all the audio. Bonusview audio will not be available.
- **Bitstream (Re-encoded DTS)** : The original audio will be re-encoded into DTS.
- **Bitstream (Re-encoded Dolby D)** : The original audio will be re-encoded into Dolby Digital.

For more details, please refer to the Digital Output Selection table.

Digital Output Selection

Setting		PCM		Bitstream (Unprocessed)		Bitstream (Re-encoded DTS)	Bitstream (Re-encoded Dolby D)
Connection		HDMI supported AV receiver	Coaxial	HDMI supported AV receiver	Coaxial	HDMI supported AV receiver or Coaxial	HDMI supported AV receiver or Coaxial
Audio Stream on Blu-ray Disc	PCM	Up to PCM 7.1ch	PCM 2ch	PCM	PCM 2ch	DTS re-encoded	Re-encoded Dolby Digital *
	Dolby Digital	PCM 2ch	PCM 2ch	Dolby Digital	Dolby Digital	DTS re-encoded	Re-encoded Dolby Digital *
	Dolby Digital Plus	PCM 2ch	PCM 2ch	Dolby Digital Plus	Dolby Digital	DTS re-encoded	Re-encoded Dolby Digital *
	Dolby TrueHD	PCM 2ch	PCM 2ch	Dolby TrueHD	Dolby Digital	DTS re-encoded	Re-encoded Dolby Digital *
	DTS	PCM 2ch	PCM 2ch	DTS	DTS	DTS re-encoded	Re-encoded Dolby Digital *
	DTS-HD HRA	PCM 2ch	PCM 2ch	DTS-HD HRA	DTS	DTS re-encoded	Re-encoded Dolby Digital *
	DTS-HD MA	PCM 2ch	PCM 2ch	DTS-HD MA	DTS	DTS re-encoded	Re-encoded Dolby Digital *
Audio Stream on DVD	PCM	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch
	Dolby Digital	PCM 2ch	PCM 2ch	Dolby Digital	Dolby Digital	Dolby Digital	Dolby Digital
	DTS	PCM 2ch	PCM 2ch	DTS	DTS	DTS	DTS

Setup		PCM		Bitstream (Unprocessed)		Bitstream (Re-encoded DTS)	Bitstream (Re-encoded Dolby D)
Connection		HDMI supported AV receiver	Coaxial	HDMI supported AV receiver	Coaxial	HDMI supported AV receiver or Coaxial	HDMI supported AV receiver or Coaxial
Definition for Blu-ray Disc	Any	Decodes the main feature audio and BONUSVIEW audio stream together into PCM audio and adds Navigation Sound Effects.		Outputs only the main feature audio stream so that your AV receiver can decode the audio bitstream. You will not hear BONUSVIEW audio or Navigation Sound Effects.		Decodes the main feature audio and BONUSVIEW audio stream together into PCM audio and adds Navigation Sound Effects, then re-encodes the PCM audio into DTS bitstream.	Decodes the main feature audio and BONUSVIEW audio stream together into PCM audio and adds Navigation Sound Effects, then re-encodes the PCM audio into Dolby digital bitstream or PCM.

* If the Source Stream is 2ch, "Re-encoded Dolby D" Setting is not applied. Output will be LPCM 2ch.

Blu-ray Discs may include three audio streams :

- Main Feature Audio : The audio soundtrack of the main feature.
- BONUSVIEW audio : An additional soundtrack such as the director or actor's commentary.
- Navigation Sound Effects : When you choose a menu navigation selection, a Navigation Sound Effect may sound. Navigation Sound Effects are different on each Blu-ray Disc.

✎ NOTE

- Be sure to select the correct Digital Output or you will hear no sound or just loud noise.
- If the HDMI device (AV receiver, TV) is not compatible with compressed formats (Dolby digital, DTS), the audio signal outputs as PCM.
- Regular DVDs do not have BONUSVIEW audio and Navigation Sound Effects.
- Some Blu-ray Discs do not have BONUSVIEW audio and Navigation Sound Effects.
- This Digital Output setup does not affect the HDMI audio output to your TV. It affects the coaxial and HDMI audio output when your player is connected to an AV receiver.
- If you play MPEG audio soundtracks, the audio signal outputs as PCM regardless of your Digital Output selections (PCM or Bitstream).

PCM Downsampling

Lets you set 48kHz and 96kHz PCM downsampling on or off.

- **Off** : Select when the AV receiver connected to the player is 96kHz compatible.
- **On** : Select when the AV receiver connected to the player is not 96kHz compatible. 96kHz signals will be down converted to 48kHz.

✎ NOTE

- Even when PCM Downsampling is set to **Off**, some discs will only output downsampled audio through the coaxial digital outputs.

HDMI

- If your TV is not compatible with compressed multi-channel formats (Dolby Digital, DTS), the player may output PCM 2ch downmixed audio even though you selected Bitstream (either Re-encoded or Unprocessed) in the setup menu.
- If your TV is not compatible with PCM sampling rates over 48kHz, the player may output 48kHz downsampled PCM audio even though you set PCM Downsampling to **Off**.

Dynamic Range Control

You can listen at low volumes, but still hear dialog clearly.
This is only active if your player detects a Dolby Digital signal.

- **Auto** : The Dynamic Range Control will be set automatically based on the information provided by the Dolby TrueHD Soundtrack.
- **Off** : You can enjoy the movie with the standard Dynamic Range.
- **On** : When Movie soundtracks are played at low volume or through smaller speakers, the system can apply appropriate compression to make low-level content more intelligible and prevent dramatic passages from getting too loud.

Downmixing Mode

Select Downmix method for stereo output.

- **Normal Stereo** : Downmix the multichannel audio into normal stereo. Choose this if you hear the sound from TV or Stereo Amplifier.
- **Surround Compatible** : Downmix the multichannel audio into surround compatible stereo. This mode helps your AV Receiver to decode stereo into surround sound.

Network

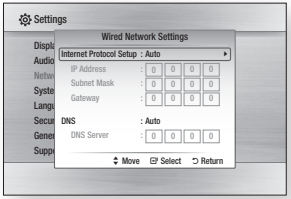
Please contact your ISP to find out if your IP address is static or dynamic. If it is dynamic -and most are- we recommend using the Auto procedure for network setup. This is easiest and will work in the majority of cases. If it is static, you must use the manual set up procedure.
Network setup directions start below.

✎ **NOTE**

- This unit can only be connected to a Network via a wired connection.

Automatic Network Setup

1. In the Home menu, press the ◄► buttons to select **Settings**, and then press the **ENTER** button.
2. Press the ▲▼ buttons to select **Network**, and then press the **ENTER** button.
3. Press the ▲▼ buttons to select **Wired Network Settings**, and then press the **ENTER** button. The Wired Network Setting screen appears



4. In the Internet Protocol Setup field, select Auto if it is not selected. (Press **ENTER** select **AUTO**, and then press **ENTER**.)
5. The Auto Function acquires and fills in the values for **IP Address**, **Subnet Mask**, etc., automatically.

✎ **NOTE**

- This process can take up to five minutes.

6. After the Network Function has acquired the network values, press the **RETURN** button.
7. Select **Network Test**, and then press **ENTER** to ensure the player has connected to your network.
8. When the Network Test is complete, press the **RETURN** twice to return to the Main Menu.
9. If the Network Function does not acquire the network values, go to the directions for Manual Setup.

Manual Network Setup

Before you start manual network setup, you need the network setting values.

To get the Network setting values through most Windows computers, follow these steps:

- **Windows XP**

1. Right click the Network icon on the bottom right of the Windows desktop.
2. In the pop-up menu, click Status.
3. On the dialog that appears, click the Support tab.
4. On the Support tab, click the Details button. The Network settings are displayed.

- **Windows 7**

1. Click the Network icon on the bottom right of the Windows desktop.
2. In the pop-up menu, click Network and Sharing Center.
3. On the dialog that appears, click the Local Area Connection or Wireless Network Connection depending on your network connection.
4. On the Support tab, click the Details button. The Network settings are displayed.

To enter the Network Settings into your player, follow these steps:

1. In the Home menu, press the ◄► buttons to select **Settings**, and then press the **ENTER** button.
2. Press the ▲▼ buttons to select **Network**, and then press the **ENTER** button.
3. Press the ▲▼ buttons to select **Wired Network Settings**, and then press the **ENTER** button. The Wired Network Settings screen appears.
4. Select the Internet Protocol Setup field, and then press the **ENTER** button.
5. Press the ▲▼ buttons to select **Manual**, and then press the **ENTER** button.
6. Press the ▼ button to go to the first entry field (IP Address).
7. Use the number buttons on your remote to enter numbers.
8. When done with each field, use the ► button to move to the next field. You can also use the other arrow buttons to move up, down, and back.
9. Enter the **IP Address**, **Subnet Mask**, and **Gateway** values in the same way.
10. Press the ▼ button to go to **DNS**.
11. Press the ▼ button to go to the first DNS entry field.
12. Enter the numbers as above.
13. Press the **RETURN** button on your remote.
14. Run a Network Test to ensure the player has connected to your network.

Network Test

Use this menu item to connect to the wired network or check whether your network connection is working or not.

Network Status

Use to check whether a connection to the network and the Internet have been established.

BD-LIVE Internet Connection

Set to allow or prohibit an Internet connection when you use the BD-LIVE service.

- **Allow (All)** : The Internet connection is allowed for all BD-LIVE contents.
- **Allow (Valid Only)** : The Internet connection is allowed only for BD-LIVE contents containing a valid certificate.
- **Prohibit** : No Internet connection is allowed for any BD-LIVE content.

✎ **NOTE**

- **What is a valid certificate?**
  When the player uses BD-LIVE to send the disc data and a request to the server to certify the disc, the server uses the transmitted data to check if the disc is valid and sends the certificate back to the player.
- The Internet connection may be restricted while you are using BD-LIVE contents.

System

Initial Settings

By using the Initial Settings function, you can set the language, Network Settings, etc.
For more information about the Initial Settings function, refer to the Initial Settings section of this user manual (page 12).

Anynet+(HDMI-CEC)

Anynet+ is a convenient function that offers linked operations with other Samsung players that have the Anynet+ feature.
To operate this function, connect this player to an Anynet+ Samsung TV with an HDMI cable.
With Anynet+ on, you can operate this player using a Samsung TV remote control and start disc playback simply by pressing the **PLAY** ( ) button on the TV's remote control.

For more information, please see the TV user manual.

- **Off** : Anynet+ functions will not work.
- **On** : Anynet+ functions will work.

✎ **NOTE**

- This function is not available if the HDMI cable does not support CEC.
- If your Samsung TV has an Anynet+ logo, then it supports the Anynet+ function.
- Depending on your TV, certain HDMI output resolutions may not work.
  Please refer to the user manual of your TV.

BD Data Management

Enables you to manage the downloaded contents you accessed through a Blu-ray disc that supports the BD-LIVE service and stored on a flash drive.

You can check the device's information including the storage size, delete the BD data, or change the Flash memory device.

BD Data Management Screen Information :

- **Total Size** : Total memory size of the device.
- **Available Size** : Available memory in the device.

✎ **NOTE**

- In the external memory mode, disc playback may be stopped if you disconnect the USB device in the middle of playback.
- Only those USB devices formatted in FAT file format (DOS 8.3 volume label) are supported. We recommend you use USB devices that support USB 2.0 protocol with 4 MB/sec or faster read/write speed.
- The Resume Play function may not work after you format the storage device.
- The total memory available to BD Data Management may differ, depending on the conditions.

DivX® Video On Demand

View DivX® VOD Registration Codes to purchase and play DivX® VOD contents.

Language

You can select the language you prefer for the Home menu, disc menu, etc.

- **On-Screen Menu** : Select the language for the on-screen displays.
- **Disc Menu** : Select the language for the disc menu displays.
- **Audio** : Select the language for disc audio.
- **Subtitle** : Select the language for disc subtitles.

✎ **NOTE**

- The selected language will only appear if it is supported on the disc.

Security

When you access this function for the first time, the password setup screen appears. Enter a desired 4-digit password using the number buttons. (The default password is 0000.)

BD Parental Rating

Prevent playback of Blu-ray Discs with specific age ratings unless a password is entered.

- **Off** : BD Parental Rating is not active and all Blu-ray discs will play in full.
- **On** : This will prohibit playback of Blu-ray disc rated above Parental Rating.

DVD Parental Rating

This function works in conjunction with DVDs that have been assigned an age rating or numeric rating that indicates the maturity level of the content. These numbers help you control the types of DVDs that your family can watch.
Select the rating level you want to set.
For example, if you select Level 6, discs rated above 6 - Level 7 and 8 - will not play.
A larger number indicates more mature content.

YouTube Lock

Restrict the use of the YouTube service unless a password is entered.

- **Off** : Turn Off YouTube lock.
- **On** : Turn On YouTube lock.

Change PIN

Change the 4-digit password used to access security functions.

If you forgot your password

1. Remove any discs.
2. Press and hold the **PLAY/PAUSE** ( ) button on the front panel for 5 seconds or more.
   All settings will revert to the factory settings.

✎ **NOTE**

- When the factory default settings are restored, all the user stored BD data will be deleted.

General

Time Zone

You can specify the time zone that is applicable to your area.

Support

Software Upgrade

The Software Upgrade menu allows you to upgrade the player's software for performance improvements or additional services.

By Online

To upgrade By Online, follow these steps:

1. Select **By Online**, and then press the **ENTER** button. The Connecting to Server message appears.
2. A popup message will appear if an update is available.
3. If you select **Yes**, the player will turn off automatically before restarting. (Never turn the player on during an upgrade.)
4. The update progress popup will appear. When the update is completed, the player will turn back off automatically.
5. Press the **POWER** button to turn on the player.

✎ **NOTE**

- The Update is complete when the player turns off after restarting. Press the POWER button to turn on the updated player for your use.
- Never turn the player off or back on manually during the update process.
- Samsung Electronics shall take no legal responsibility for player malfunction caused by an unstable Internet connection or consumer negligence during a software upgrade.
- If you want to cancel the upgrade while the upgrade software is downloading, press the **ENTER** button.

By USB

To upgrade by USB, follow these steps:

1. Visit www.samsung.com/bluraysupport.
2. Download the latest USB software upgrade zip archive to your computer.
3. Unzip the zip archive to your computer. You should have a single RUF file with the same name as the zip file.
4. Copy the RUF file to a USB flash drive.
5. Make sure there is no disc in the player, and then insert the USB flash drive into the USB port of the player.
6. In the player's menu, go to Settings > Support > Software Upgrade.
7. Select **By USB**.

✎ **NOTE**

- No disc should be inserted in the product when you upgrade the software using the USB Host jack.
- When the software upgrade is done, check the software details in the software Upgrade menu.
- Do not turn off the player during the software upgrade. It may cause the player to malfunction.
- Software upgrades using the USB Host jack must be performed with a USB flash memory stick only.

Auto Upgrade Notification

If you have connected the player to your network, and then set Auto Upgrade Notification on, the player automatically notifies you when a new software version is available for the player.

To set Auto Upgrade Notification on, follow these steps:

1. Select **Auto Upgrade Notification**, and then press the **ENTER** button.
2. Use the ▲▼ buttons to select **On,** and then press the **ENTER** button.

If there is a new software version available, the player notifies you with a popup message.

1. To upgrade the firmware, select **Yes** on the Pop-up. The player turns off automatically, then restarts, and begins the download. (Never turn on the player manually here.)
2. The update progress popup appears.
3. When the update is complete, the player turns off again automatically.
4. Press the **POWER** button to turn on the player.

✎ **NOTE**

- Update is complete when the player turns off after restarting. Press the **POWER** button to turn on the updated player for your use. Never turn the player off or on manually during the update process.
- Samsung Electronics shall take no legal responsibility for player malfunction caused by an unstable Internet connection or consumer negligence during software upgrade.

Contact Samsung

Provides contact information for assistance with your player.

Terms of Service Agreement

View the general disclaimer regarding third party contents and services.

Reset

All settings will revert to the default except for the network settings.

Basic Functions

Playing a Video

Playback

1. Press the **OPEN/CLOSE** (⏏) button to open the disc tray.
2. Place a disc gently into the tray with the disc's label facing up.
3. Press the **OPEN/CLOSE** (⏏) button to close the disc tray.
4. Press the **PLAY** (▶) button.

Playback related buttons

PLAY (▶)	Starts playback.
STOP (■)	Stops playback. • If you press the button once : The stop position is memorized. • If you press the button twice : The stop position is not memorized.
PAUSE (❚❚)	Pauses playback.

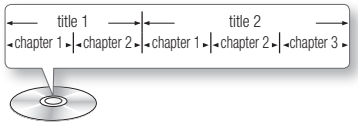
✎ **NOTE**

- For some discs, pressing the **STOP** (■) button once may not memorize the stop position.
- Video files with high bit rates of 20Mbps or more strain the player's capabilities and may stop playing during playback.

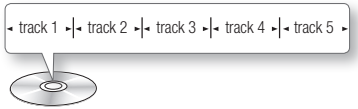
Disc Structure

The content of discs are usually divided as shown below.

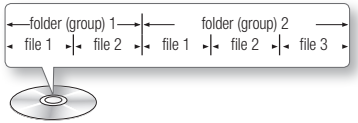
- **Blu-ray Disc, DVD-VIDEO**



- **Audio CD (CD-DA)**



- **MP3, WMA, DivX, MKV and MP4**



Using the Disc Menu/Title Menu/ Popup Menu

Using the Disc Menu

BD-ROM DVD-VIDEO

1. During playback, press the 碟片菜单 button on the remote control.
2. Press the ▲▼◄► buttons to make a selection, and then press the **ENTER** button.

✎ **NOTE**

- Depending on the disc, the menu items may differ or this menu may not be available.

Using the Title Menu

DVD-VIDEO

1. During playback, press the 标题菜单 button on the remote control.
2. Press the ▲▼◄► buttons to make the desired selection, then press the **ENTER** button.

✎ **NOTE**

- Depending on the disc, the menu items may differ or this menu may not be available.

Playing the Title List

BD-RE/-R

1. During playback, press the 碟片菜单 or 标题菜单 button.
2. Press the ▲▼ buttons to select an entry you want to play from the Title List, and then press the **ENTER** button.

✎ **NOTE**

- If your disc has a playlist, press the **GREEN (B)** button to go to the playlist.

Using the Popup Menu

BD-ROM

1. During playback, press the 弹出菜单 button on the remote control.
2. Press the ▲▼◄► buttons or **ENTER** button to select the desired menu.

✎ **NOTE**

- Depending on the disc, the menu items may differ or this menu may not be available.

Using the Search and Skip Functions

During play, you can search quickly through a chapter or track, and use the skip function to jump to the next selection.

Searching for a Desired Scene

BD-ROM BD-RE/-R DVD-VIDEO DVD+RW/+R DivX/MKV/MP4

- During playback, press the **SEARCH** (◄◄ ►►) button.
  Each time you press the **SEARCH** (◄◄ ►►) button, the playback speed will change as follows:

BD-ROM, BD-RE/-R, DVD-RW/-R, DVD+RW/+R, DVD-VIDEO	▶▶ 1 → ▶▶ 2 → ▶▶ 3 → ▶▶ 4 → ▶▶ 5 → ▶▶ 6 → ▶▶ 7 ◀◀ 1 → ◀◀ 2 → ◀◀ 3 → ◀◀ 4 → ◀◀ 5 → ◀◀ 6 → ◀◀ 7
DivX, MKV, MP4	▶▶ 1 → ▶▶ 2 → ▶▶ 3 ◀◀ 1 → ◀◀ 2 → ◀◀ 3

- To return to normal speed playback, press the **PLAY** (▶) button.

✎ **NOTE**

- The player does not play sound in search mode.

Skipping Chapters

BD-ROM BD-RE/-R DVD-VIDEO DVD+RW/+R DivX/MKV/MP4

- During playback, press the **SKIP** (⏮ ⏭) button.
  If you press the **SKIP** (⏭) button, the disc moves to the next chapter.
  If you press the **SKIP** (⏮) button, the disc moves to the beginning of the chapter. One more press makes the disc move to the beginning of the previous chapter.

Slow Motion Play/Step Motion Play

Slow Motion Play

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R DivX/MKV/MP4

- In pause mode, press the **SEARCH** (▶▶) button.
  Each time you press the **SEARCH** (▶▶) button, the playback speed will change as follows: I▶ 1/8 I▶ 1/4 I▶ 1/2
- To return to normal speed playback, press the **PLAY** (▶) button.

✎ **NOTE**

- The player does not play sound in Slow mode.

Step Motion Play

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R DivX/MKV/MP4

- In pause mode, press the **PAUSE** (❚❚) button.
  Each time you press the **PAUSE** (❚❚) button, a new frame appears.
- To return to normal speed playback, press the **PLAY** (▶) button.

✎ **NOTE**

- The player does not play sound in step mode.

Using the 工具 button

During playback, you can operate the disc menu by pressing the 工具 button.

✎ **NOTE**

- Depending on the disc, the Tools menu may differ.

Moving to a Desired Scene Directly

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R

1. During playback, press the 工具 button.
2. Press the ▲▼ buttons to select **Title**, **Chapter** or **Playing Time**.
3. Press the ◄► or number button to select the desired Title, Chapter or Playing Time, then press the **ENTER** button.

Repeating the Title or Chapter

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R

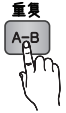
Lets you repeat the disc title or chapter. Depending on the disc, the Repeat function may not be available.

1. During playback, press the 重复 button.
2. Press the ▲▼ buttons to select **Chapter** or **Title**, then press the **ENTER** button.
3. To return to normal play, press the 重复 button again.
4. Press the ▲▼ buttons to select **Off**, then press the **ENTER** button.

Repeating a Section

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R

1. During playback, press the 重复 **A-B** button.
2. Press the 重复 **A-B** button at the point where you want repeat play to start (A).
3. Press the 重复 **A-B** button at the point where you want repeat play to stop (B).
4. To return to normal play, press the 重复 **A-B** buttons to select **Off.**



✎ **NOTE**

- If you set point (B) less than 5 seconds of playing time after point (A), a prohibition message appears.
- Depending on the disc, the menu items may differ and this menu may not be available.

Selecting the Audio Language

BD-ROM BD-RE/-R DVD-VIDEO DivX/MKV/MP4

You can also operate this function by pressing the 声道 button on the remote control.

1. During playback, press the 工具 button.
2. Press the ▲▼ buttons to select **Audio**.
3. Press the ◄► buttons to select the desired audio language.

✎ **NOTE**

- The ◄► indicator will not appear on the screen if the BONUSVIEW section does not contain any BONUSVIEW audio settings.
- Information about the main feature/BONUSVIEW mode will also appear if the Blu-ray Disc has a BONUSVIEW section.
  Press the ◄► button to switch between main feature and BONUSVIEW audio modes.
- This function depends on the selection of audio languages encoded on the disc and may not be available.
- A Blu-ray Disc can contain up to 32 audio languages and a DVD up to 8.
- Some Blu-ray Discs may allow you to select either the PCM or Dolby digital audio soundtrack in English.
- If you press the 声道 button on the remote control, the Audio bar appears.
  Press the 返回 button to remove the Audio bar.

Selecting the Subtitle Language

BD-ROM DVD-VIDEO DivX/MKV/MP4

You can also operate this function by pressing the 字幕 button on the remote control.

1. During playback, press the 工具 button.
2. Press the ▲▼ buttons to select **Subtitle**.
3. Press the ◄► buttons to select the desired subtitle language.

✎ **NOTE**

- Depending on the Blu-ray Disc / DVD, you may be able to select the desired subtitle in the Disc Menu. Press the 碟片菜单 button.
- This function depends on the selection of subtitles that are encoded on the disc and may not be available on all Blu-ray Discs/DVDs.
- A Blu-ray Disc can contain up to 255 subtitle languages and a DVD up to 32.
- Information about the main feature/BONUSVIEW mode will also appear if the Blu-ray Disc has a BONUSVIEW section.
- This function changes both the primary and secondary subtitles at the same time.
- The total number of primary and secondary subtitles are displayed respectively.
- If you press the 字幕 button on the remote control, the subtitle bar appears.
  Press the 返回 button to remove the subtitle bar.

Changing the Camera Angle

BD-ROM DVD-VIDEO

When a Blu-ray Disc/DVD contains multiple angles of a particular scene, you can use the ANGLE function.

1. During playback, press the 工具 button.
2. Press the ▲▼ buttons to select **Angle**.
3. Press the ◄► buttons to select the desired Angle.

Selecting the Picture Settings

BD-ROM BD-RE/-R DVD-VIDEO DVD+RW/+R

This function enables you to adjust video quality when the player is connected to a TV.

1. During playback, press the 工具 button.
2. Press the ▲▼ buttons to select **Picture Setting**, and then press the **ENTER** button.
3. Press the ◄► buttons to select the desired **Picture Setting**.
   - **Dynamic** : Choose this setting to increase Sharpness.
   - **Normal** : Choose this setting for most viewing applications.
   - **Movie** : This is the best setting for watching movies.
   - **User** : Lets you adjust the sharpness and noise reduction function respectively.

✎ **NOTE**

- When you use BD wise function, this menu will not appear.

Setting BONUSVIEW

BD-ROM

The BONUSVIEW feature allows you to view additional content (such as commentaries) in a small screen window while the movie is playing.
This function is only available if the disc has the Bonusview feature.

1. During playback, press the 工具 button.
2. Press the ▲▼ buttons to select **BONUSVIEW Video** or **BONUSVIEW Audio**.
3. Press the ◄► buttons to select the desired Bonusview.

✎ **NOTE**

- If you switch from BONUSVIEW Video, BONUSVIEW Audio will change automatically in accordance with BONUSVIEW Video.

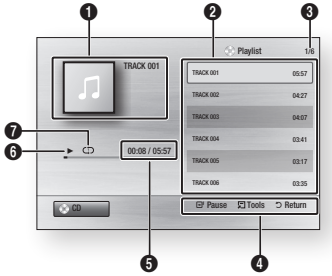
Listening to Music

Audio CD MP3/WMA

Playing an Audio CD (CD-DA)/MP3

1. Insert an Audio CD (CD-DA) or an MP3 Disc into the disc tray.
   - For an Audio CD (CD-DA), the first track plays automatically.
   - For an MP3 disc, press the ◄► buttons to select **Music**, then press the **ENTER** button.
2. Press the ▲▼ buttons to select the track you want to play, and then press the **ENTER** button.

Audio CD (CD-DA)/MP3 Screen Elements



❶	Displays the music information.
❷	Displays the playlist.
❸	Display the current track/total tracks.
❹	Displays buttons available.
❺	Shows the current play time/total play time.
❻	Displays the current playback status.
❼	Displays the repeated playback status.

Repeat an Audio CD (CD-DA)/MP3

1. During the Playlist playback, press the 工具 button.
2. Select **Repeat Mode**, and then press the ◄► buttons to select the desired repeat mode.
3. Press the **ENTER** button.

Repeat Modes :

Off	Audio CD (CD-DA)/MP3	Tracks on a disc are played in the order in which they were recorded on the disc.
(↻) Track	Audio CD (CD-DA)	Current track is repeated.
(↻) One	MP3	Current track is repeated.
(↻) All	Audio CD (CD-DA)/MP3	All tracks are repeated.
(⤮)Shuffle	Audio CD (CD-DA)/MP3	The random option plays a disc's tracks in random order.

Playlist

1. Insert an Audio CD (CD-DA) or an MP3 Disc into the disc tray.
   - For an Audio CD (CD-DA), the first track plays automatically.
   - For an MP3 disc, press the ◄► buttons to select **Music**, then press the **ENTER** button.
2. To move to the Music List, press the **STOP** (■) or 返回 button.
   The Music List screen appears.
3. Press the ▲▼◄► buttons to move to a desired track, then press the **YELLOW (C)** button to check the desired track.
   Repeat this procedure to select additional tracks.
4. If you want to remove a track from the playlist, go to the track, and then press the **YELLOW (C)** button again. The track is removed.
5. Press the **ENTER** button to play the selected tracks.
   The selected tracks will play automatically.

6. To go to the Music List, press the **STOP** (■) or **返回** button.
7. To go to the Playlist, press the **ENTER** button.

✎ **NOTE**

- You can create a playlist with up to 99 tracks on Audio CDs (CD-DA).

Playing back Pictures

JPEG

Playing JPEG files

1. Insert a JPEG disc into the disc tray.
2. Press the ◄► buttons to select **Photos**, and then press the **ENTER** button.
3. Press the ▲▼◄► buttons to select the folder you want to play, and then press the **ENTER** button.
4. Press the ▲▼◄► buttons to select the photo you want to play, and then press the **ENTER** button.

✎ **NOTE**

- You can't enlarge the subtitle and PG graphic in the full screen mode.

Using the 工具 button

You can use various functions by pressing the **工具** button.

- **Start Slide Show** : Select to start the slide show.
- **Stop Slide Show** : Select if you want to stop the slide show.
- **Slide Show Speed** : Select if you want to adjust the Slide Show speed.
- **Background Music** : Select to listen to music while viewing a slide show.
- **Zoom** : Select to enlarge the current picture. (Enlarged up to 4 times)
- **Rotate** : Select to rotate the picture. (This will rotate the picture either clockwise or counter clockwise.)
- **Information** : Shows the picture information including the name and size, etc.

✎ **NOTE**

- To enable the background music function, the photo file must be in the same storage media as the music file. However, the sound quality can be affected by the bit rate of the MP3 file, the size of the photo, and the encoding method.
- Start Slide Show and Stop Slide Show alternate, depending on whether you are running a slide show or not.

Playing Selected Photos

You can select spesific photos to play pressing the **YELLOW (C)** button on your remote. To select specific photos, follow these steps:

1. Select the folder that contains the photos you want to view, and then press the **ENTER** button.
2. Press the ▲▼◄►buttons to select a photo you want to play, and then press the **YELLOW (C)** button. A check mark appears on the photo.
3. Repeat Step 2 for each photo you want to play.

✎ **NOTE**

- To deselect a photo, press the ▲▼◄►buttons to highlight the photo, and then press the **YELLOW (C)** button.

4. Press the **ENTER** button when done. The slide show starts.

Playing back a USB Storage Device

You can use the USB connection to play multimedia files (MP3, JPEG, DivX, etc) located on a USB storage device.

1. Move to the Home menu.
2. In Stop mode, connect the USB storage device to the USB port on the front panel of the player.
   The message "Do you want to access the device?" will be displayed.
3. Press the ◄► button to select **Yes**, then press the **ENTER** button.
4. Press the **RED (A)** button or **BLUE (D)** button.
   If you pressed the **RED (A)** button, go to Step 5.
   If you pressed the **BLUE (D)** button, go to Step 4-1.

5. Press the ▲▼ buttons to select **USB**, then press the **ENTER** button.
6. Press the ◄► buttons to select the desired Videos, Music or Photos, then press the **ENTER** button. Go to Step 7

4-1. If you pressed the **BLUE (D)** button, the screen below appears. Go to 5-1.

5-1. Press the ◄► buttons to select **USB**, then press the **ENTER** button.
6-1. Press the ▲▼ buttons to select the desired Videos, Music or Photos, then press the **ENTER** button.
7. For playing back Video, Music or Photo files see pages 19~22.

✎ **NOTE**

- You must remove the USB storage device safely (by performing the "Safely Remove USB" function) in order to prevent possible damage to the USB memory. Press the **菜单** button to move to the Home menu, select the **YELLOW (C)** button, and then press the **ENTER** button.
- When the Audio-CD (CD-DA), MP3 or JPEG files are in stop mode, pressing the **FULL SCREEN** button on the remote will not bring up a full screen picture.
- If you insert a disc when playing a USB storage device, the device mode changes to "DVD or CD" automatically.

Network Services

You can enjoy various network services such as BD-LIVE by connecting the player to your network.

Read the following instructions before using any network service.

1. Connecting the player to the network (pages 10 and 11).
2. Configuring the network settings (page 16).

BD-LIVE™

Once the player is connected to the network, you can enjoy various movie-related service contents using a BD-LIVE compliant disc.

1. Attach a USB memory stick to the USB jack on the side of the player, and then check its remaining memory. The memory device must have at least 1GB of free space to accommodate the BD-LIVE services.
2. Insert a Blu-ray Disc that supports BD-LIVE.
3. Select an item from various BD-LIVE service contents provided by the disc manufacturer.

✎ **NOTE**

- The way you use BD-LIVE and the provided contents may differ, depending on the disc manufacturer.

Using the AllShare Function

AllShare lets you play music, video, and photo files located in your PC or NAS on the player.

To use AllShare with your player, you must connect the player to your network (See pages 10~11).

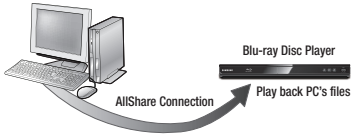
To use AllShare with your PC, you must install AllShare software on your PC.

To download AllShare software

1. Go to Samsung.com
2. Click Support, enter your player's product number in the field that appears, and then click Product.
3. On the next screen, click Get downloads under Downloads.
4. Click Software on the next page.
5. Click the icon in the AllShare line under File to start the download.

Playing content located in your PC on the Blu-ray Disc Player

You can view shared files of your computer to your Blu-ray Disc Player.
You can get detailed instructions for using AllShare from the Samsung.com web site.



Appendix

Troubleshooting

Before requesting service, please try the following solutions.

PROBLEM	SOLUTION
No operation can be performed with the remote control.	• Check the batteries in the remote control. They may need replacing. • Operate the remote control at a distance of no more than 6,1 m. • Remove batteries and hold down one or more buttons for several minutes to drain the microprocessor inside the remote control to reset it. Reinstall batteries and try to operate the remote control again.
Disc does not play.	• Ensure that the disc is installed with the label side facing up. • Check the region number of the Blu-ray Disc/DVD.
Disc Menu does not appear.	• Ensure that the disc has disc menus.
The prohibition message appears on the screen.	• This message appears when an invalid button is pressed. • The Blu-ray Disc/DVD's software doesn't support the feature (e.g., angles). • You've requested a title or chapter number or search time that is out of range.
Play mode differs from the Setup Menu selection.	• Some of the functions selected in the Setup Menu may not work properly if the disc is not encoded with the corresponding function.
The screen ratio cannot be changed.	• The Screen Ratio is fixed on your Blu-ray Disc/DVD. • This is not a problem with the player.
No audio.	• Make sure you have selected the correct Digital Output in the Audio Options Menu.
The screen is blocked	• If the HDMI output is set to a resolution your TV cannot support (for example, 1080p), you may not see a picture on your TV. • Press the **PLAY/PAUSE** ( ) button (on front panel) for more than 5 seconds with no disc inside. All settings will revert to the factory settings. • When the factory default settings are restored, all stored user BD data is deleted.

PROBLEM	SOLUTION
Forgot password	• Press the **PLAY/PAUSE** ( ) button (on front panel) for more than 5 seconds with no disc inside. All settings including the password will revert to the factory settings. Don't use this unless absolutely necessary. • When the factory default settings are restored, all stored user BD data is deleted.
If you experience other problems.	• Go to the contents and find the section of the user manual that contains the explanations regarding the current problem, and follow the procedure once again. • If the problem still cannot be solved, please contact your nearest Samsung authorized service center.
The picture is noisy or distorted	• Make sure that the disc is not dirty or scratched. • Clean the disc.
No HDMI output.	• Check the connection between the TV and the HDMI jack of the player. • Check if your TV supports 576p/480p, 720p, 1080i, 1080p HDMI input resolution.
Abnormal HDMI output screen.	• If random noise appears on the screen, it means that TV does not support HDCP (High-bandwidth Digital Content Protection).
AllShare function	
I can see folders shared through AllShare, but I cannot see the files.	• AllShares shows only files corresponding to the Image, Music, and Movie categories. Files that do not correspond to these categories may not be displayed.
Video is played intermittently.	• Check if the network is stable. • Check if the network cable is properly connected and if the network is not overloaded.
AllShare connection between Player and PC is unstable.	• The IP address under the same subnetwork should be unique. If they are not, IP interference can cause this phenomenon. • Check if you have a firewall enabled. If so, disable the firewall function.

PROBLEM	SOLUTION
BD-LIVE	
I cannot connect to the BD-LIVE server.	• Check whether the network connection is successful or not by using the Network Status menu. • Check whether the USB memory device is connected to the player. • The memory device must have at least 1GB of free space to accommodate the BD-LIVE service. You can check the available size in BD Data Management. • Check whether the BD-LIVE Internet Connection menu is set to Allow(All). • If all above fails, contact the contents provider or update the player to the latest firmware.
When using the BD-LIVE service, an error occurs.	• The memory device must have at least 1GB of free space to accommodate the BD-LIVE service. You can check the available size in BD Data Management.

✎ **NOTE**

- When the factory default settings are restored, all stored user BD data is deleted.

Repairs

If you contact us to repair your player, an administration fee may be charged if either:

1. An engineer is called out to your home at your request and there is no defect in the product.
2. You bring the unit to a repair center and there is no defect in the product.

We will provide you with the amount of the administration fee before we make a home visit or begin any work on your player.

We recommend you read this manually thoroughly, search for a solution on line at www.samsung.com, or contact Samsung Customer Care before seeking to repair your player.

Specifications

General	Weight	1.3 Kg
	Dimensions	360 (W) X 193 (D) X 41 (H) mm
	Operating Temperature Range	+5°C to +35°C
	Operating Humidity Range	10 % to 75 %
USB	Type A	USB 2.0
	DC Output	5V 500mA Max.
HDMI	Video	1080p, 1080i, 720p, 576p/480p
	Audio	PCM, Bitstream
Audio Output	Digital Audio Output	Coaxial
Network	Ethernet	100BASE - TX Terminal

- It is not supported when the network speed is below or equal to 10 Mbps.
- Design and specifications are subject to change without prior notice.
- For the power supply and power consumption, refer to the label attached to the product.
- Weight and dimensions are approximate.

Compliance and Compatibility Notice

NOT ALL discs are compatible

- Subject to the restrictions described below and those noted throughout this Manual, including the Disc Type and Characteristics section of this user manual, disc types that can be played are: pre-recorded commercial BD-ROM, DVD-VIDEO, and Audio CD (CD-DA) discs; BD-RE/-R, DVD-RW/-R discs; and CD-RW/-R discs.
- Discs other than the above cannot and/or is not intended to be played by this player. And some of the above discs may not play due to one or more reasons provided below.
- Samsung cannot assure that this player will play every disc bearing the BD-ROM, BD-RE/-R, DVD-VIDEO, DVD-RW/-R, DVD+RW/+R and CD-RW/-R logos, and this player may not respond to all operating commands or operate all features of every disc. These and other disc compatibility and player operation issues with new and existing format discs are possible because:
  - Blu-ray is a new and evolving format and this player may not operate all features of Blu-ray Discs because some features may be optional, additional features may have been added to the Blu-ray Disc format after the production of this player, and certain available features may be subject to delayed availability;
  - not all new and existing disc format versions are supported by this player;
  - new and existing disc formats may be revised, changed, updated, improved and/or supplemented;
  - some discs are produced in a manner that allows specific or limited operation and feature during playback;
  - some features may be optional, additional features may have been added after the production of this player or certain available features may be subject to delayed availability;
  - some discs bearing the BD-ROM, BD-RE/-R, DVD-VIDEO, DVD-RW/-R, DVD+RW/+R and CD-RW/-R logos may still be non-standardized discs;
  - some discs may not be played depending on their physical state or recording conditions;
  - problems and errors can occur during the creation of Blu-ray Disc, DVD software and/or the manufacture of discs;
  - this player operates differently than a standard DVD player or other AV equipment; and/or
  - for reasons noted throughout this user manual and for other reason(s) discovered and posted by SAMSUNG customer care center.
- If you encounter disc compatibility or player operation problems, please contact SAMSUNG customer care center. You may also contact SAMSUNG customer care center for possible updates on this player.
- For additional information on playback restrictions and disc compatibility, refer to the Precautions, Before Reading the user manual, Disc Types and Characteristics, and Before Playing sections of this user manual.
- **For Blu-ray Disc Player progressive scan output** : CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE 'STANDARD DEFINITION' OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS PRODUCT, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER.

Copy Protection

- Because AACS (Advanced Access Content System) is approved as content protection system for Blu-ray Disc format, similar to use of CSS (Content Scramble System) for DVD format, certain restrictions are imposed on playback, analog signal output, etc., of AACS protected contents.
  The operation of this product and restrictions on this product may vary depending on your time of purchase as those restrictions may be adopted and/or changed by AACS after the production of this product.
  Furthermore, BD-ROM Mark and BD+ are additionally used as content protection system for Blu-ray Disc format, which imposes certain restrictions including playback restrictions for BD-ROM Mark and/or BD+ protected contents. To obtain additional information on AACS, BD-ROM Mark, BD+, or this product, please contact SAMSUNG customer care center.
- Many Blu-ray Disc/DVDs are encoded with copy protection. Because of this, you should only connect your Player directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected Blu-ray Disc/DVDs.
- Under the U.S. Copyright laws and Copyright laws of other countries, unauthorized recording, use, display, distribution, or revision of television programs, videotapes, Blu-ray Discs, DVDs, and other materials may subject you to civil and/or criminal liability.
- **Cinavia Notice :** This product uses Cinavia technology to limit the use of unauthorized copies of some commercially-produced film and videos and their soundtracks. When a prohibitet use of an unauthorized copy is detected, a message will be displayed and playback or copying will be interrupted. More information about Cinavia technology is provided at the Cinavia Online Consumer Information Center at http://www.cinavia.com. To request additional information about Cinavia by email, send a postcard with your mailing address to: Cinavia Consumer Information Center, P.O. Box 86851, San Diego CA, 92138, USA.
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    This is an DivX Certified® device that plays DivX video.
    Visit www.divx.com for more information and software tools to convert your files into DivX video.
  - ABOUT DIVX VIDEO-ON-DEMAND : This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.
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- Blu-ray Disc™, Blu-ray™ and the logos are trademarks of the Blu-ray Disc Association.

SAMSUNG

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

Area	Contact Centre ☎	Web Site
▪ Asia Pacific		
AUSTRALIA	1300 362 603	www.samsung.com
NEW ZEALAND	0800 SAMSUNG (0800 726 786)	www.samsung.com
CHINA	400-810-5858	www.samsung.com
HONG KONG	(852) 3698 4698	www.samsung.com/hk www.samsung.com/hk_en/
INDIA	1800 1100 11 3030 8282 1800 3000 8282 1800 266 8282	www.samsung.com
INDONESIA	0800-112-8888 021-5699-7777	www.samsung.com
MALAYSIA	1800-88-9999	www.samsung.com
PHILIPPINES	1-800-10-SAMSUNG(726-7864) for PLDT 1-800-3-SAMSUNG(726-7864) for Digitel 1-800-8-SAMSUNG(726-7864) for Globe 02-5805777	www.samsung.com
SINGAPORE	1800-SAMSUNG(726-7864)	www.samsung.com
THAILAND	1800-29-3232 02-689-3232	www.samsung.com
TAIWAN	0800-329-999 0266-026-066	www.samsung.com
VIETNAM	1 800 588 889	www.samsung.com

Area	Contact Centre ☎	Web Site
▪ Middle East		
U.A.E	800-SAMSUNG (726-7864)	www.samsung.com
OMAN	800-SAMSUNG (726-7864)	www.samsung.com
KUWAIT	183-2255	www.samsung.com
BAHRAIN	8000-4726	www.samsung.com
Egypt	08000-726786	www.samsung.com
JORDAN	800-22273	www.samsung.com
IRAN	021-8255	www.samsung.com
Morocco	080 100 2255	www.samsung.com
Saudi Arabia	9200-21230	www.samsung.com
▪ Africa		
NIGERIA	0800-726-7864	www.samsung.com
Ghana	0800-10077 0302-200077	www.samsung.com
Cote D' Ivoire	8000 0077	www.samsung.com
Senegal	800-00-0077	www.samsung.com
Cameroon	7095- 0077	www.samsung.com
KENYA	0800 724 000	www.samsung.com
UGANDA	0800 300 300	www.samsung.com
TANZANIA	0685 88 99 00	www.samsung.com
SOUTH AFRICA	0860-SAMSUNG(726-7864)	www.samsung.com

ENERGY STAR

SAMSUNG

BD-E5200
BD-E5300

Blu-ray™ 光盘播放器

用户手册

用影像记录一切可能

感谢您购买此款 Samsung 产品。
为了获得更完善的服务，请在以下网站中注册您的产品

www.samsung.com/register

中国语

主要特性

Blu-ray 光盘特性

Blu-ray 光盘支持业界可提供的最高质量的 HD 视频 – 大容量意味着无损视频质量。

以下 Blu-ray 光盘功能与光盘相关，并且会因光盘而异。
外观和功能导航也会因光盘而异。
并非所有光盘都具有下面所述的功能。

视频要点

BD-ROM 格式支持三种非常先进的视频编解码器，包括 AVC、VC-1 和 MPEG-2。
还支持以下高清视频分辨率：

- 1920 x 1080 高清晰度
- 1280 x 720 高清晰度

用于高清播放

要观看 Blu-ray 光盘上的高清内容，您需要一台 HDTV（高清电视）。
一些 Blu-ray 光盘可能需要使用播放器的 HDMI OUT 才能观看高清内容。
根据电视的分辨率，观看 Blu-ray 光盘上高清内容的能力可能会受到限制。

BD-LIVE

可以使用支持 BD-LIVE 的 Blu-ray 光盘以通过网络连接下载光盘制造商提供的内容。

Blu-ray 光盘播 放器功能

AllShare

可通过网络连接播放您设备（例如 PC, NAS[Network-Attached Storage] 设备）上的视频、音乐和照片。

播放多媒体文件

可以使用 USB 连接来播放位于 USB 存储设备上的各种多媒体文件（MP3、JPEG、DivX 等等）。

安全信息

警告

为减少电击的危险，请勿卸下机盖（或背面机盖）。
内部没有用户可维修的部件。请让合格的维修人员进行维修。

	注意 有电击的危险，请勿打开。	
三角形内的闪电和箭头是一个警告符号，提醒您产品内含“危险电压”。	注意: 为减少电击的危险，请勿卸下机盖（或背面机盖）。内部没有用户可维修的部件。请让合格的维修人员进行维修。	三角形内的感叹号是一个警告符号，提醒您产品随附的重要说明。

不要将本产品安装在狭窄的空间中，例如书橱或类似的装置中。

警告

为避免可能导致火患或电击危险的损害，请勿将此产品放在在雨中或潮湿环境下。

注意

Blu-ray 光盘播放机使用不可见的激光光线，如果被其直射，可能会处于危险的辐射之中。 请务必根据指示正确操作 Blu-ray 光盘播放机。

1 类激光产品

本压缩光盘播放器定为 1 类激光产品。 如果您未 按本手册的规定使用控制、调节或执行操作，则 可能会遭受危险的激光辐射。

注意：

- 打开产品后，会发出 3B 类可见或不可见激光 辐射。应避免受到光束照射 (IEC 60825-1)
- 本产品使用激光。如果您未按本手册的规定使 用控制、调节或执行操作，则可能会遭受危险 的激光辐射不要打开护盖，也不要自行修理。 请让合格的人员进行维修。

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT
PRODUCTO	LÁSER CLASE 1

当使用屏蔽电缆和接头将装置连接至其他设备时，本产品符合 CE 规定。 要防止来自收音机和电视等电子设备的电磁干扰，请使用屏蔽电缆和接头进行连接。

重要说明

本设备的电源插头配备含保险丝的压模插头。 保险丝的值在插头的插脚面指示。 如果需要更换，必须使用经过 BS1362 核准的额定值相同的保险丝。

如果保险丝盖子可拆，那么在没有保险丝盖子的情况下，切勿使用插头。 如果需要替换保险丝盖子，则其颜色必须与插头的插脚面颜色相同。 替换盖子可向经销商购买。

如果插头不适合家中的电源点，或者电线不够长，不能连接到电源点，那么必须购买合适的获得安全批准的延长线，或者咨询经销商以获得帮助。

但是，如果除了剪断插头以外别无他法，请取出保险丝，然后安全地弃置插头。 不要将插头连接至电源插孔，因为裸露的活动电线存在电击的风险。

要使装置与电源断开连接，必须从电源插座拔出插头，因此，电源插头必须易于操作。

附带提供本用户手册的产品装置获得特定第三方的特定知识产权许可。 此许可证限制为最终用户消费者对许可内容进行私人非商业使用。

注意事项

重要安全说明

使用装置前请仔细阅读这些操作说明。请按照下面列出的安全说明操作。
请将这些操作说明妥善保管，以供将来参考。

1. 请阅读这些说明。
2. 请妥善保管这些说明。
3. 注意所有警告。
4. 请遵循所有说明。
5. 切勿在近水处使用本设备。
6. 清洁时只使用干布。
7. 请勿堵塞任何通风口。根据厂商说明进行安装。
8. 不要将本设备安装在任何靠近热源例如电暖炉、暖气片、电炉，或其它（包括 AV 接收器）会产生热气的设备。
9. 请勿忽略极化或接地型插头的安全保护用途。极化型插头具有两边，有一边较另一边宽。接地型插头具有两边和第三端接地插脚。该宽边或第三端插脚专为您的安全而提供。如果所提供的插头不适用于您的插座，请联系电工更换旧插座。
10. 保护电线以防践踏或被挤压，特别是插头处、便利插座处以及设备接出处的电线。
11. 只使用厂商指定的附加装置/附件。
12. 仅可使用厂商指定或随设备出售的运载车、支架、三脚架、支架或工作台。使用运载车时，请小心避免在移动运载车/设备组合时翻覆。

13. 在雷雨天气或长时间不用的情况下，请拔下本设备的插头。
14. 所有维修均应由合格的维修人员执行。设备在具有任何方式的损坏时需要维修服务，例如电源线或插头损坏、设备内溅入液体或落入杂物、设备曾淋雨或浸水无法正常操作，或是跌落。

光盘储藏和管理

光盘处理

光盘形状

- 使用形状规则的光盘。
  如果使用形状不规则的光盘（异形的光盘），则可能会损坏播放器。

拿取光盘

- 避免触摸已录有数据光盘的表面。

Blu-ray 光盘

- 请不要将 Blu-ray 光盘长期置于播放器中。
  取出 Blu-ray 光盘并将其存储到光盘盒中。
- 请务必小心，不要在 Blu-ray 光盘的表面留下指纹或划痕。

DVD-VIDEO、音频 CD (CD-DA)

- 用柔软的布料擦去光盘上的灰尘或脏物。

光盘储藏

请务必小心，不要损坏光盘，因为这些光盘上的数据很容易受到环境影响。

- 不要放在阳光直射处。
- 应放在阴凉通风处。
- 垂直储藏。
- 放在干净的保护套内。
- 如果突然将播放器从很冷的地方移到很暖和的地方，操作部件和镜头可能会产生冷凝，从而导至光盘播放异常。如果发生这种情况，请将播放器断电并等待两个小时，然后再将插头连接至电源插座。然后插入光盘并再次尝试播放。

处理注意事项

- 不要用圆珠笔或铅笔在印刷面上写字。
- 不要使用录制清洁喷剂或防静电剂清洁光盘。
  另外，不要使用苯和稀释剂等挥发性化学品。
- 不要将标签或贴纸贴到光盘上。（不要使用附有 裸露的胶布或残留脱落的贴纸的光盘。）

- 不要使用防刮花保护膜或罩。
- 不要使用市面上可购买到的标签印刷机印制的 光盘。
- 不要装入变形或刮花的光盘。
- 在将其它组件连接到播放器之前，请务必先将 其它组件关闭。。
- 正在播放光盘时不要移动播放器，因为光盘可 能会被刮花或损坏，或者播放器的内部零件可 能会被损坏。
- 不要将盛满水的花瓶或任何其它细小金属物放 在播放器上。
- 请务必小心，不要将手放入光盘托架中。
- 不要将光盘以外的任何物体放在光盘托架上。
- 闪电和静电等外部干扰可能会影响播放器的正 常操作。如果出现这种情况，请使用电源 按钮 关闭然后重新打开播放器，或者从交流电源插 座拔下交流电源线，然后重新连接。播放器将 可正常操作。
- 在使用后，请务必取出光盘并关闭播放器。
- 如果有很长一段时间不会使用播放器，请从交 流插座拔下交流电源线。
- 要清洁光盘，请由内向外沿直线擦 拭光盘。

- 请勿将播放器暴露于任何液体中。
- 当将 AC 插头连接到墙上插座时， 播放器在关闭后仍将通电（待机模式）。
- 不要将设备置于滴水或溅水的地方，同时不要 将装有水的物件（如花瓶）放在设备上面。
- 将电源插头用作断开连接设备，它应该随时都 可操作。
- 请勿用湿手触摸电源插头。否则会导致触电。
- 请勿多个电子设备使用一个电源插座。否则会 导致过热，从而引发火灾。
- 如果您听到异常的噪声、闻到烧焦味或看到冒 烟，请立即关闭电源开关，并从墙上插座拔下 电源插头。然后，与您最近的客户中心联系，以获得技术协助。如果您仍然按原样使用产品，则会导致触电或火灾。

机壳维护

清洁 Blu-ray 光盘柜前，请务必从 AC 插座拔下 AC 电源线。

- 不要使用苯、稀释剂或其它溶剂进行清洁。
- 使用柔软的布料擦拭机壳。

播放限制

- 此播放器可能不能响应所有操作命令，因为一些 Blu-ray、DVD 和 CD 光盘在操作期间只允许特定或有限的操作和功能。请注意，这不属于播放器缺陷。
- Samsung 不能保证本播放器可播放带有 Blu-ray 光盘、DVD 或 CD 徽标的每张光盘，因为光盘格式不断发展，并且在制作 Blu-ray 光盘、DVD 和 CD 软件和/或生产光盘时可能出现问题和发生错误。
  如果您在使用本播放器播放 Blu-ray、DVD 或 CD 时遇到问题或困难，请与 SAMSUNG 客户中心联系。另外，请参阅本用户手册的余下部分以获取有关播放限制的其它信息。

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开始使用

在使用用户手册之前

播放器可播放的光盘类型和内容如下

术语	徽标	图标	清晰度
视频	Blu-ray Disc	BD-ROM BD-RE/-R	这涉及以 BD-RE 格式录制的 BD-ROM 或 BD-RE/-R 光盘上的可用功能。
	DVD VIDEO DVD RW DVD R DVD+RW DVD-RW DVD+R	DVD-VIDEO DVD+RW/+R	这涉及 DVD-VIDEO 上或已录制且已最终化的已录制 DVD+RW/ DVD-RW(V)/DVD-R/+R 光盘上的可用功能。
	-	DivX/MKV/MP4	这涉及在包含 DivX、MKV 和 MP4 内容的 CD-RW/-R、DVD-RW/-R、BD-RE/-R 光盘或 USB 存储媒体中可用的功能。
音乐	DIGITAL AUDIO	Audio CD	这涉及在音频 CD-RW/-R（CD-DA 格式）上可用的功能。
	-	MP3/WMA	这涉及在包含 MP3 或 WMA 内容的 CD-RW/-R、DVD-RW/-R、BD-RE/-R 光盘或 USB 存储媒体中可用的功能。
照片	-	JPEG	这涉及在包含 JPEG 内容的 CD-RW/-R、DVD-RW/-R、BD-RE/-R 光盘或 USB 存储媒体中可用的功能。

✎ 注

- 由于光盘类型或录制条件，播放器可能无法播放某些 CD-RW/-R 和 DVD-R。
- 如果未以 DVD 格式正确录制 DVD-RW/-R 光盘，则它将不可播放。
- 如果内容在录制到 DVD-R 上时的采样率超过 10 Mbps，那么播放器将无法播放此内容。
- 如果内容在录制到 BD-R 或 USB 设备上时的采样率超过 25 Mbps，那么播放器将无法播放此内容。

播放器无法播放的光盘类型

- HD DVD
- DVD-ROM/PD/MV 光盘等等
- DVD-RAM
- 超级音频 CD（CD 层除外）
- DVD-RW（VR 模式）
- CVD/CD-ROM/CDV/CD-G/CD-I/LD（CD-G 只能播放音频，不能播放视频。）
- 用于创作的 3.9 GB DVD-R 光盘。

✎ 注

- 对于在您所在地区之外购买的一些商业光盘和 DVD 光盘，可能不能使用本播放器进行播放。
- 对于某些类型的光盘，或者使用特定功能（例如更改角度和调整宽高比）时，播放功能可能不起作用。光盘的相关信息在光盘盒上详细说明。如果需要，请参阅此信息。
- 不要使光盘变脏或刮花。录制面上的指纹、污物、灰尘、划痕或香烟灰会使得无法使用光盘进行播放。
- 播放 BD-J 标题时，加载时间可能比普通标题长一些，一些功能可能运行速度较慢。
- 此播放器可能不能响应所有操作命令，因为一些 Blu-ray、DVD 和 CD 光盘在操作期间只允许特定或有限的操作和功能。
  请注意，这不是播放器缺陷。
- Samsung 不能保证本播放器可播放带有 Blu-ray 光盘、DVD 或 CD 徽标的每张光盘，因为光盘格式不断发展，并且在制作 Blu-ray 光盘、DVD 和 CD 软件和/或生产光盘时可能出现问题和发生错误。
  如果您在使用本播放器播放 Blu-ray、DVD 或 CD 时遇到问题或困难，请与 SAMSUNG 客户中心联系。另外，请参阅本用户手册的余下部分以获取有关播放限制的其它信息。

Blu-ray 光盘兼容性

Blu-ray 光盘是新的发展格式。相应地，可能会存在光盘兼容性问题。并非所有光盘都兼容，并且不是每张光盘都可播放。有关其它信息，请参阅本用户手册中的“符合性和兼容性声明”一节。

光盘类型

BD-ROM

Blu-ray 光盘只能用于播放。
本播放器可以播放预先录制的商业 BD-ROM 光盘。

BD-RE/-R

Blu-ray RE/-R 光盘可以录制和播放。
本播放器可以播放其它兼容的 Blu-ray 光盘录制机录制的 BD-RE/-R 光盘。

DVD-VIDEO

- 本播放器可以播放含有电影的预先录制的商业 DVD（DVD-VIDEO 光盘）。
- 从双层 DVD-VIDEO 光盘的第一层切换到第二层时，图像和声音可能会瞬间失真。这并非播放器功能异常。

DVD-RW/-R/+R

本播放器可以播放使用 DVD 视频录制机录制和最终化的 DVD-RW/-R/+R 光盘。播放能力可能取决于录制条件。

DVD+RW

- 本播放器可以播放使用 DVD 视频录制机录制的 DVD+RW 光盘。播放能力可能取决于录制条件。

音频 CD (CD-DA)

- 本播放器可以播放 CD-DA 格式的音频 CD-RW/-R 光盘。
- 由于录制条件，本播放器可能无法播放某些 CD-RW/-R 光盘。

CD-RW/-R

- 使用 700MB（80 分钟）CD-RW/-R 光盘。如果可能，不要使用 800MB（90 分钟）或以上容量的光盘，因为此类光盘可能无法播放。
- 如果 CD-RW/-R 光盘未录制为已结束会话，则可能会在播放光盘的开头时遇到延迟，或者所有已录制的文件都无法播放。
- 某些 CD-RW/-R 光盘可能无法使用本播放器播放，具体视用于烧录光盘的设备而定。对于从 CD 刻录到 CD-RW/-R 媒体上供个人使用的内容，播放能力可能会因内容和光盘而异。

AVCHD (Advanced Video Codec High Definition)

- 本产品可以播放 AVCHD 格式的光盘。 这些光盘通常在摄录机中录制和使用。
- AVCHD 格式是高清晰度数字视频摄像机格式。
- MPEG-4 AVC/H.264 格式压缩图像的效率高于常用的图像压缩格式的效率。
- 一些 AVCHD 光盘使用 “x.v.Color” 格式。
- 本产品可以播放使用 “x.v.Color” 格式的 AVCHD 光盘。
- “x.v.Color” 是 Sony Corporation 的商标。
- “AVCHD” 和 AVCHD 徽标是 Matsushita Electronic Industrial Co., Ltd. 和 Sony Corporation 的商标

✎ 注

- 一些 AVCHD 格式的光盘可能无法播放，具体视录制条件而定。AVCHD 格式的光盘需要最终化。
- “x.v.Color” 提供的颜色范围比普通 DVD 摄录机光盘宽。
- 一些 DivX、MKV 和 MP4 格式的光盘可能无法播放，具体视光盘分辨率和帧速条件而定。。

地区代码

播放器和光盘都是按地区编码的。此类地区编码必须与要播放的光盘相匹配。如果编码不匹配，光盘将无法播放。
此播放器的“地区编号”位于播放器的后面板上。

光盘类型	地区代码	地区
Blu-ray 光盘	A	北美洲、中美洲、南美洲、韩国、日本、台湾、香港和东南亚。
	B	欧洲、格陵兰、法国未成为省的领土、中东、非洲、澳大利亚和新西兰。
	C	印度、中国、俄罗斯、中亚和南亚。
DVD-VIDEO	1	美国、美国未成为省的领土和加拿大。
	2	欧洲、日本、中东、埃及、南非和格陵兰
	3	台湾、韩国、菲律宾、印度尼西亚和香港
	4	墨西哥、南美洲、中美洲、澳大利亚、新西兰、太平洋群岛和加勒比
	5	俄国、东欧、印度、非洲大部分地区、北朝鲜和蒙古
	6	中国

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受支持的文件格式

USB 连接注意事项

- 播放器支持 USB 存储介质、MP3 播放器、数码相机和 USB 读卡器。
- 此播放器不支持超过 128 个字符的文件夹名称或文件名称。
- 一些 USB, 不支持外部 HDD, 或数码相机设备可能与此播放器不兼容。
- 播放器支持 FAT16、FAT32 和 NTFS 文件系统。
- 将 USB 设备直接连接到播放器 USB 端口。通过 USB 电缆连接可能会导致兼容性问题。
- 将多个内存设备连接到多卡读卡器中，可能导致读卡器无法正常操作。
- 播放器不支持 PTP 协议。
- 在“加载”过程中不要断开 USB 设备连接。
- 图像分辨率越大，显示延迟的时间越长。
- 此播放器无法播放从商业网站下载的带有 DRM（数字版权管理）功能的 MP3 文件。
- 播放器仅支持 30fps（帧率）以下的视频。

视频文件支持

文件扩展名	容器	视频编解码器	音频编解码器	分辨率
*.avi	AVI	DivX 3.11/4.x/5.1/6.0	MP3 Dolby Digital DTS WMA PCM	1920x1080
		MP4v3		1920x1080
		H.264 BP/MP/HP		1920x1080
*.mkv	MKV	VC-1 AP	MP3 Dolby Digital DTS	1920x1080
		DivX 5.1/6.0		1920x1080
		H.264 BP/MP/HP		1920x1080
*.wmv	WMV (wmv9)	VC-1 AP	WMA	1920x1080
		VC-1 SM		1920x1080
*.mp4	MP4	MP4 (mp4v)	AAC	1920x1080
		H.264 BP/MP/HP		1920x1080
*.mpg *.mpeg	PS	MPEG1	MP1, 2 Dolby Digital DTS	1920x1080
		MPEG2		1920x1080
		H.264 BP/MP/HP		1920x1080

▪ 限制

- 即使文件是使用上面提到的受支持编解码器来编码，如果其内容有问题的话，也无法播放。
- 如果文件的容器信息错误，或者文件本身损坏，则不能保证可以正常播放。
- 位速率/ 帧速率高于标准的文件在进行声音/ 视频播放时可能会断断续续。
- 如果文件的索引表损坏，则寻找（跳过）功能不可用。

▪ 视频解码器

- 最高支持 H.264 Level 4.1和 AVCHD
- 不支持 H.264 FMO/ASO/RS、和 VC1 SP/MP/AP L4
- XVID、MPEG4 SP、ASP：
  低于 1280 x 720 : 最高 60 帧
  高于 1280 x 720 : 最高 30 帧
- 不支持 GMC 2 或更高版本

▪ 音频解码器

- 支持 WMA 7、8、9 和 STD
- 不支持 22050Hz 单声道的 WMA 采样率

音乐文件支持

文件扩展名	容器	音频编解码器	支持范围
*.mp3	MP3	MP3	-
*.wma	WMA	WMA	* 采样率 (kHz) – 8、11、16、22、32、44.1、48 * 比特率 – 5kbps 到 384kbps 范围内的所有比特率

播放器可播放光盘的徽标

Blu-ray 光盘	BD-LIVE	英国、法国、德国等国家/地区中的 PAL 广播制式

附件

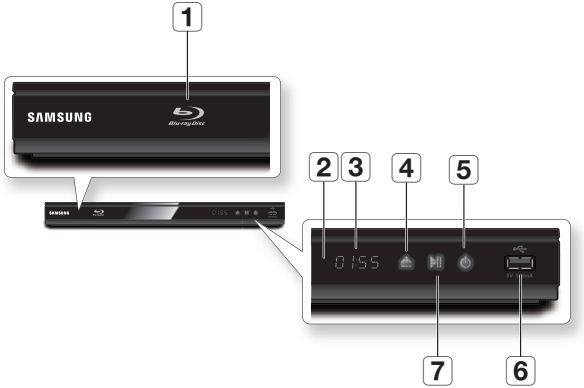
检查下面列示的随附附件。

遥控器电池（AAA 型）

用户手册

遥控器

前面板

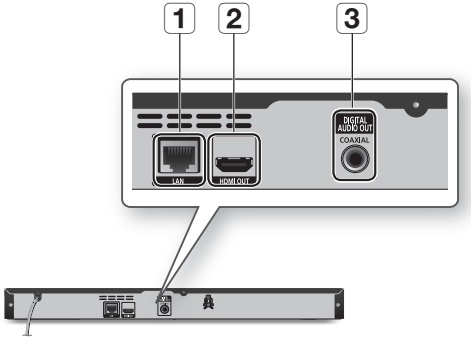


1	光盘托架	打开以接纳光盘。
2	遥控器感应器	检测来自遥控器的信号。
3	显示屏	显示播放状态、时间等。
4	打开/关闭按钮	打开和关闭光盘托架。
5	电源按钮	打开或关闭播放器。
6	USB HOST	可在此处连接 USB 闪存棒，并在播放器连接至 BD-LIVE 时将其用作存储器。也可将 USB Host 用于软件升级和 MP3/JPEG/DivX/MKV/MP4 播放。
7	播放/暂停按钮	播放光盘或暂停播放。

✎ 注

- 使用带有 USB 闪存棒的 USB Host 插孔即可完成软件升级。
- 播放器显示 Blu-ray 光盘菜单时，此刻按下播放器或遥控器上的“播放”按钮不能开始播放电影。要播放电影，必须在光盘菜单中选择播放电影或开始，然后按确认按钮。

后面板

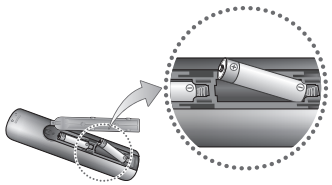


1	LAN	可用于基于网络的服务、BD-LIVE 和使用网络连接进行的软件升级。
2	HDMI OUT	使用 HDMI 电缆，将此 HDMI 输出端子连接到电视的 HDMI 输入端子以取得最佳画质，或者连接至 AV 接收器以取得最佳音质。
3	DIGITAL AUDIO OUT	连接到 AV 接收器。

遥控器

遥控器一览

安装电池



✎ 注

- 如果遥控器无法正常操作：
  - 检查电池的极性 (+/–)。
  - 检查电池是否已放完电。
  - 检查遥控器感应器是否被障碍物挡住。
  - 检查附近是否有荧光灯照明。

! 注意

- 用户不能更换本产品中安装的充电电池。 有关其更换产品的信息，请向服务供应商咨询。

连接

A. 连接至电视

例子 1：使用 HDMI 电缆连接至电视 – 最佳质量

1. 使用 HDMI 电缆，将播放器后面的 HDMI OUT 端子连接到电视的 HDMI IN 端子。 请参阅第 11 页
2. 打开播放器和电视。
3. 请按电视遥控器上的输入选择器，直到播放器的 HDMI 信号显示在您的电视屏幕为止。

✎ 注

- HDMI 电缆会输出数字视频/音频，因此不需要连接音频电缆。
- 如果以 HDMI 720p、1080i 或 1080p 输出模式将播放器连接至电视，则必须使用高速（类别 2）HDMI 电缆。
- HDMI 只将纯数字信号输出至电视。
  如果电视不支持 HDCP（高带宽数字连接保护），那么屏幕上将出现雪花信噪。
- 根据电视，某些 HDMI 输出分辨率可能不起作用。请参阅电视的用户手册。
- 使用 HDMI 电缆首次将播放器连接至电视或连接至新的电视时，HDMI 输出分辨率将自动设置为电视支持的最高分辨率。
- HDMI 电缆过长时，可能会导致屏幕噪讯。如果出现这种情况，请在菜单中将深色设置为关闭。
- 使用 HDMI-to-DVI 电缆连接显示设备时，还必须将AV 输出或数字音频输出连接到显示设备或者音频系统，才能听见声音。

B. 连接至音频系统

- 在打开 AV 接收器时，请调小音量。突然的大声可能会导致扬声器损坏和耳朵损伤。
- 根据 AV 接收器的功能设置音频输出格式。
- HDMI 输入端子的位置可能因 AV 接收器而异。请参阅 AV 接收器的用户手册。

例子 1：连接至音频系统（支持 HDMI 的 AV 接收器） - 最佳质量（建议）

1. 使用 HDMI 电缆，将播放器后面的 HDMI OUT 端子连接到 AV 接收器的 HDMI IN 端子。请参阅 11 页
2. 使用 HDMI 电缆，将 AV 接收器的 HDMI OUT 端子连接到电视的 HDMI IN 端子。
3. 打开播放器、电视和 AV 接收器。
4. 使用 AV 接收器和电视的输入选择按钮，选择您要收听声音的正确 HDMI 输入，然后从播放器观看视频。请参阅 AV 接收器的用户手册以设置 AV 接收器的音频输入。

例子 2：连接到音频系统（支持杜比数码或 DTS 解码器的 AV 接收器）- 较好质量

1. 使用 coaxial 电缆，将播放器后面的 DIGITAL AUDIO OUT (COAXIAL) 端子连接到 AV 接收器的 DIGITAL AUDIO IN (COAXIAL) 端子。 请参阅第 11 页
2. 使用视频信号电缆 HDMI，将播放器背面的 HDMI或 端子连接到电视的 HDMI 或 端子。
3. 打开播放器、电视和 AV 接收器。
4. 请按 AV 接收器的输入选择按钮并选择外部输入，以收听播放器的声音。请参阅 AV 接收器的用户手册以设置 AV 接收器的音频输入。
5. 请按电视遥控器上的输入选择器，选择视频来源 HDMI 。

C. 连接至网络

连接到网络时，此播放器允许您使用基于网络的服务，例如 Smart Hub 和 BD-LIVE 以及软件升级。建议使用 宽带调制解调器 含有集成路由器 或 IP 路由器来进行连接。有关路由器连接的更多信息，请参阅路由器的用户手册，或者请与路由器制造商联系以获得技术协助。

有线网络

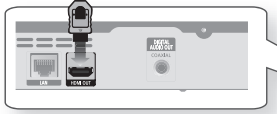
1. 使用直接连接的（LAN UTP CAT 5 ）电缆，将播放器的 LAN 端子连接至调制解调器的 LAN 端子。请参阅第 11 页
2. 要设置网络选项，请参阅第 16 页。

✎ 注

- 可能无法通过互联网访问 Samsung 的软件升级，具体视所用的路由器或 ISP 的政策而定。有关更多信息，请与您的 ISP（Internet 服务提供商）联系。
- 对于 DSL 用户，请使用路由器来建立网络连接。
- 要使用 AllShare 功能，必须将计算机连接至网络，如图中所示。
  连接可以是有线连接。

A 连接至电视

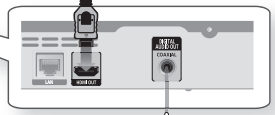
HDMI 电缆
（不包括）



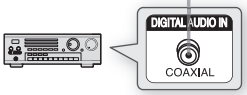
B 连接至音频系统

例子 1 : HDMI 电缆
（不包括）

例子 1 : HDMI 电缆
（不包括）



例子 2：光纤电缆
（不包括）



C 显示

路由器

宽带调制解调器
（含有集成路由器）

或

宽带调制解调器

宽带
服务

宽带
服务

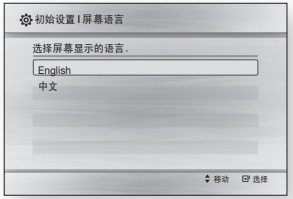
与计算机连接以使用 AllShare 功能

✎ 注意 : 您只能通过有线连接将本装置连接至网络。

设置

初始设置

1. 连接播放器后打开电视。
第 次将播放器连接至电视时，播放器会自动打开并显示“初始设置”屏幕。

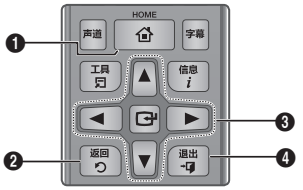


2. 按 ▲▼ 按钮选择所需的语言，然后按确认按钮。
3. 按确认按钮选择开始。
4. 按 ▲▼ 按钮选择所需的电视高宽比，然后按确认按钮。
5. 按钮选择所需的：Auto, 然后按确认按钮。如果您没有家庭网络，请按遥控器上的蓝色 (D) 按钮。 将会直接打开主菜单。
6. Blu-ray 播放器会自动验证有线网络。验证完成后，屏幕将显示“您的网络正常工用”。然后按确认按钮。
7. “初始设置已完成” 消息将会出现，然后主屏幕将会出现。
- 如果 Blu-ray 播放器无法连接至网络，或者您要手动连接，请转至第 16 页上的“网络设置”。

✎ 注

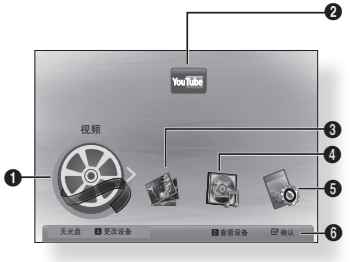
- 如果不按下面所述配置初始设置，则主菜单不会出现。
- 如果在网络设置期间按蓝色 (D) 按钮，则可以访问主菜单，即使尚未完成网络设置也是如此。
- 返回到主菜单时，会自动取消全屏幕模式。
- 如果再次要显示初始设置屏幕以进行更改，请在未插入光盘的情况下按产品前面板上的停止( ) 按钮超过 5 秒钟。这会将播放器重设为其默认设置。
- 如果您要使用 HDMI 电缆将播放器连接至符合 Anynet+(HDMI-CEC) 的 Samsung 电视。
1.)应在电视和播放器上将 Anynet+(HDMI-CEC) 功能设置为打开。
2.)应将电视设置为播放器支持的语言，电视自动将该语言作为首选语言。
- 如果播放器保留在停止模式超过 5 分钟未使用，则电视上会出现屏幕保护程序。如果播放器保留在屏幕保护程序模式超过 25 分钟，则电源会自动关闭。

菜单导航



❶	HOME 按钮：按此按钮可移至主菜单。
❷	返回按钮：返回到上一个菜单。
❸	确认/方向按钮： 移动光标或选择项目。 激活当前选中的项目。 确认设置。
❹	退出按钮：按此按钮可以退出当前菜单。

• 主菜单



❶	选择 视频。
❷	选择 YouTube。
❸	选择 照片。
❹	选择 音乐。
❺	选择 设置。
❻	显示可用的按钮。

访问设置菜单

要访问“设置”菜单和子菜单，请按照下面的步骤操作：

1. 按电源按钮。
主菜单将会出现。
2. 按 ◄► 按钮选择设置，然后按确认按钮。
3. 按 ▲▼ 按钮选择所需的子菜单，然后按确认按钮。
4. 按 ▲▼ 按钮选择所需的项目，然后按确认按钮。
5. 按 退出按钮退出菜单。

✎ 注

- 访问步骤可能会因选择的菜单而异。升级软件版本后，播放器中的 OS（屏幕显示）可能会更改。

显示

可以配置各种显示选项，例如电视高宽比、分辨率等。

电视屏幕比例

根据所拥有的电视的类型，您可能要调整屏幕大小设置。

- 16:9 原始大小：将播放器连接至 16:9 电视屏幕时选择此选项。播放器将以原始高宽比显示所有内容。
  内容格式为 4:3 的画面两边将会有黑边。
- 16:9 全屏：将播放器连接至 16:9 电视屏幕时选择此选项。所有内容将填充整个屏幕。格式为 4:3 的内容将被延伸。
- 4:3 信箱模式：将播放器连接至 4:3 电视屏幕时选择此选项。播放器将以原始高宽比显示所有内容。内容格式为 16:9 的画面上下将会有黑边。
- 4:3 全景：将播放器连接至 4:3 电视屏幕时选择此选项。将会切除 16:9 内容的最左边和最右边部分。

✎ 注

- 根据光盘类型，一些屏幕比例可能不可用。
- 如果选择不同于电视屏幕的屏幕比例的屏幕比例和选项，则图像可能会变形。
- 如果选择 4:3 全景 或 4:3 信箱模式，遥控器上的全屏按钮将不起作用。
- 如果选择 16:9 正常，电视可能会显示 4:3 Pillarbox。
  在这种情况下，遥控器上的全屏按钮将不起作用。

BD Wise（仅限 Samsung 播放器）

BD Wise 是 Samsung 最新的互连功能。

如果使用 BD Wise 将 Samsung 播放器和 Samsung 电视用 HDMI 互相连接，且 BD Wise 在播放器和电视上都打开，播放器将以 Blu-ray 光盘/DVD 的视频分辨率和帧率输出视频。

- 关 ：不管光盘的分辨率如何，输出分辨率固定为先前在“分辨率”菜单中设置的分辨率。请参阅下方的“分辨率”。
- 开：播放器将以 Blu-ray 光盘/DVD 的原始分辨率和帧率输出视频。

✎ 注

- BD Wise 打开时，“分辨率”设置自动默认为 BD Wise，“分辨率”菜单中将显示 BD Wise。
- 如果将播放器连接至不支持 BD Wise 的设备，则不能使用 BD Wise 功能。
- 为了使 BD Wise 正确操作，请在播放器和电视上将 BD Wise 菜单设置为开。

分辨率

可以将和 HDMI 视频信号的输出分辨率设置为 自动、1080p、1080i、720p、或 576p/480p 。数字表示每帧视频的行数。i 和 p 分别表示隔行和逐行扫描。行数越多，质量越高。

- 自动：自动将输出分辨率设置为相连电视的最大分辨率。
- BD Wise ：如果使用 BD Wise 功能用 HDMI 连接播放器，则自动将分辨率设置为 Blu-ray 光盘/DVD 的分辨率。
  （仅当将 BD Wise 设置为 开时，BD Wise 菜单项才会出现。请参阅上方“BD Wise”。）
- 1080p :输出 1080 行逐行视频。
- 1080i :输出 1080 行隔行视频。
- 720p :输出 720 行逐行视频。
- 576p/480p :输出 576/480 行逐行视频。

根据输出模式的分辨率

- Blu-ray 光盘/E-contents/数字内容播放

设置 \ 输出	HDMI/已连接	
	HDMI 模式	
	Blu-ray 光盘	E-contents/数字内容
BD Wise	Blu-ray 光盘分辨率	1080p
自动	电视输入最大分辨率	电视输入最大分辨率
1080p@60F (电影帧：关)	1080p@60F	1080p@60F
电影帧：自动 (24Fs)	1080p@24F	1080p@24F
1080i	1080i	1080i
720p	720p	720p
576p/480p	576p/480p	576p/480p

- DVD 播放

设置 \ 输出	HDMI/已连接
	HDMI 模式
BD Wise	576i/480i
自动	电视输入最大分辨率
1080p	1080p
1080i	1080i
720p	720p
576p/480p	576p/480p

✎ 注

- 如果播放器连接的电视不支持电影帧或选择的分辨率，则消息“如果在选择“是”后未显示图片，请等待 15 秒返回先前分辨率。是否更改分辨率？”将会出现。
  如果选择是，电视屏幕将会空白 15 秒，分辨率将自动还原到先前值。
- 如果更改分辨率后屏幕仍然空白，则取下所有光盘，然后按下播放器前面的 播放/暂停按钮 (⏯) 按钮并保持 5 秒以上。所有设置都将恢复为出厂默认值。按照上一页中的步骤访问每种模式并选择电视支持的电视设置。
- 恢复出厂默认设置时，将会删除所有存储的用户 BD 数据。
- Blu-ray 光盘必须具有 24 帧功能，播放器才能使用 电影帧 (24Fs)模式。

电影帧 (24Fs)

将 电影帧 (24Fs)功能设置为 自动，可以将播放器的 HDMI 输出调整为每秒 24 帧，从而提高画面质量。
只能在支持此帧速率的电视上使用 电影帧 (24Fs)功能。只有播放器处于 HDMI 1080i 或 1080p 输出分辨率模式时才可选择电影帧。

- 自动：打开 电影帧 (24Fs)功能。
- 关：关闭 电影帧 (24Fs)功能。

HDMI 颜色格式

设置 HDMI 输出的色空间格式，与相连设备（电视、显示器等）的功能匹配。

- 自动：自动将播放器设置为设备支持的最佳格式。
- YCbCr (4:4:4)：如果电视通过 HDMI 支持 YCbCr 色空间，选择此项输出正常 YCbCr 色域。
- RGB（标准）：选择此项输出正常 RGB 色域。
- RGB（增强）：如果播放器连接到 DVI 显示设备（如显示器），选择此项输出增强的 RGB 色域。

HDMI 深色

从 HDMI OUT 插孔带深色输出视频。深色实现颜色深度更深的精确颜色重现。

- 自动：带 深色将视频输出至支持 HDMI 深色的电视。
- 关：不带 深色输出图像。

渐进模式

观看 DVD 时，设置为此项可以提高画面质量。

- 自动：选择此项以让播放器自动设置所观看 DVD 的最佳图像质量。
- 视频：选择此项以使内容或电视节目 DVD 的图像质量最佳。

音频

数字输出

此项可设置数字输出，使播放器与相连 AV 接收机的功能匹配：

- PCM：这是默认设置。 它与大部分电视和接收器兼容。
- 源码（未处理）：如果要接收器对所有音频信号解码，请选择此项。 Bonusview 音频将不可用。
- 源码（DTS重新编码）：会将原始音频重新编码为 DTS。
- 源码（Dolby D重新编码）：会将原始音频重新编码为Dolby Digital。

有关详情，请参阅“数字输出选择”表。

数字输出选择

设置		PCM		Beatstream（未处理）		Beatstream（DTS重新编码）	Beatstream（Dolby D重新编码）
连接		支持 HDMI 的 AV 接收机	Coaxial	支持 HDMI 的 AV 接收机	Coaxial	支持 HDMI 的 AV 接收机或 Coaxial	支持 HDMI 的 AV 接收机或 Coaxial
Blu-ray 光盘上的音频流	PCM	最多 7.1 声道	PCM 2 声道	PCM	PCM 2 声道	DTS 重新编码	重新编码Dolby Digital*
	Dolby Digital	PCM 2 声道	PCM 2 声道	Dolby Digital	Dolby Digital	DTS 重新编码	重新编码Dolby Digital*
	Dolby Digital 加强版	PCM 2 声道	PCM 2 声道	Dolby Digital Plus	Dolby Digital	DTS 重新编码	重新编码Dolby Digital*
	Dolby TrueHD	PCM 2 声道	PCM 2 声道	Dolby TrueHD	Dolby Digital	DTS 重新编码	重新编码Dolby Digital*
	DTS	PCM 2 声道	PCM 2 声道	DTS	DTS	DTS 重新编码	重新编码Dolby Digital*
	DTS-HD HRA	PCM 2 声道	PCM 2 声道	DTS-HD HRA	DTS	DTS 重新编码	重新编码Dolby Digital*
	DTS-HD MA	PCM 2 声道	PCM 2 声道	DTS-HD MA	DTS	DTS 重新编码	重新编码Dolby Digital*
DVD 上的音频流	PCM	PCM 2 声道	PCM 2 声道	PCM 2 声道	PCM 2 声道	PCM 2 声道	PCM 2 声道
	Dolby Digital	PCM 2 声道	PCM 2 声道	Dolby Digital	Dolby Digital	Dolby Digital	Dolby Digital
	DTS	PCM 2 声道	PCM 2 声道	DTS	DTS	DTS	DTS

设置		PCM		Beatstream（未处理）		Beatstream（DTS重新编码）	Beatstream（Dolby D重新编码）
连接		支持 HDMI 的 AV 接收机	光纤	支持 HDMI 的 AV 接收机	光纤	支持 HDMI 的 AV 接收机或光纤	支持 HDMI 的 AV 接收机或光纤
Blu-ray 光盘的清晰度	任意	将主要特征音频和 BONUSVIEW 音频流一起解码为 PCM 音频，并添加导航声音效果。		仅输出主要特征音频流，因此 AV 接收机可以解码音频 Beatstream。 您将听不到 BONUSVIEW 音频和导航声音效果。		将主要特征音频和 BONUSVIEW 音频流一起解码为 PCM 音频，并添加导航声音效果，然后将 PCM 音频重新编码为 DTS Beatstream。	将主要特征音频和 BONUSVIEW 音频流一起解码为 PCM 音频，并添加导航声音效果，然后将 PCM 音频重新编码为Dolby Digital Beatstream或 PCM。

* 如果源流为 2ch，则不会应用“Dolby D重新编码”。输出将为 LPCM 2ch。

Blu-ray 光盘可能包括三种音频流：

- 主要特征音频：具有主要特征的音频音轨。
- BONUSVIEW 音频：导演或学员评论等附加音轨。
- 导航声音效果：选择一些菜单导航时，可能会发出导航声音效果。导航声音效果在每张 Blu-ray 光盘上是不相同的。

✎ 注

- 请务必选择正确的 数字输出，否则将听不到声音，或者听到很大声的噪讯。
- 如果 HDMI 设备（AV 接收器、电视）与压缩格式 (Dolby digital、DTS) 不兼容，则音频信号输出为 PCM。
- 一般 DVD 没有 BONUSVIEW 音频和导航声音效果。
- 一些 Blu-ray 光盘没有 BONUSVIEW 音频和导航声音效果。
- 此 数字输出设置不影响输出到电视的音频或 HDMI 音频输出。
  当将播放器连接至 AV 接收器时，它影响 coaxial 和 HDMI 音频输出。
- 如果播放 MPEG 音频音轨，则音频信号会输出为 PCM，而不管音频输出选择为何（PCM 或Beatstream）。

PCM 向下取样

将 48kHz 和 96kHz PCM 向下取样设置为打开或关闭。

- 关：当将 AV 接收机连接至兼容 96KHz 的播放器时选择此项。
- 开：当将 AV 接收机连接至不兼容 96KHz 的播放器时选择此项。96kHz 信号将向下转换为 48kHz。

✎ 注

- 即使将 PCM 向下取样设置为关，一些光盘也只通过 coaxial 数字输出来输出向下取样的音频。

HDMI

- 如果电视与压缩多声道格式 (Dolby Digital, DTS) 不兼容，则播放器可能会输出 PCM 2 声道缩混音频，即使在菜单上设置了 Beatstream (re-encoded 或 未处理)也是如此。
- 如果电视与超过 48kHz 的 PCM 采样率不兼容，则播放器可能会输出 48kHz 向下取样的 PCM 音频，即使将 PCM 向下取样设置为关也是如此。

动态范围控制

您能够以极低的音量来聆听，但仍然能清楚地听到对话声。
仅当播放器检测到 Dolby Digital 信号时，才会激活此选项。

- 自动：将根据 Dolby TrueHD 音轨提供的信息，自动设置 动态范围控制。
- 关：您可以观赏标准动态范围的电影。
- 开：当以低音量或从较小的扬声器播放电影音轨时，系统可以应用适当的压缩，以使低级内容更易懂，并防止戏剧吵闹声变得太大声。

缩混模式

对于立体声输出，请选择 缩混 模式。

- 普通立体声：将多频道音频缩混成普通立体声。如果要听到来自电视或立体声放大器的声音，请选择此项。
- 兼容环绕声：将多频道音频缩混成普通立体声。 如果要听到来自电视或立体声放大器的声音，请选择此项。

网络

开始之前，请与您的 ISP 联系以了解您的 IP 地址是静态的还是动态的。如果它是动态的（在大部分情况下如此），则建议您使用“自动”网络设置过程。 此过程最简单，并且在大部分情况
下都可用。
如果它是静态的，则必须使用手动设置过程。
遵循下列步骤来配置网络设置。

✎ 注

- 只能通过有线连接将本装置连接至网络。

自动网络设置

1. 在主菜单中，按 ◄► 按钮选择设置，然后按确认按钮。
2. 按 ▲▼ 按钮选择网络，然后按确认按钮。
3. 按 ▲▼ 按钮选择网络设置，然后按确认按钮。 有线网络设置 屏幕将会出现。

4. 在 Internet 协议动置 字段中，如果未选择 自动，则予以选择。（按 确认选择 自动，然后按 确认。）然后按确认按钮。
5. “自动”功能会自动获取并填写 IP 地址、子网掩码 等的值。

✎ 注

- 此过程最多可能需要 5 分钟。

6. 在网络功能获取网络值之后，按返回按钮。
7. 选择 网络测试，然后按 确认 以确保播放器已连接至网络。
8. 网络测试 完成之后，按 返回 两次以返回到主菜单。
9. 如果网络功能不能获取网络值或者您选择手动，请转至“手动设置”的指示。

手动网络设置

在开始手动网络设置之前，需要准备网络设置值。
要查看大部分 Windows 计算机的 网络设置值，请按照下面的步骤操作：

- Windows XP

1. 右键单击 Windows 桌面右下角中的“网络”图标。
2. 在弹出菜单中，单击“状态”。
3. 在出现的对话框中，单击“支持”选项卡。
4. 在“支持”选项卡中，单击“详细信息”按钮。将会显示“网络设置”。

- Windows 7

1. 单击 Windows 桌面右下角中的“网络”图标。
2. 在弹出菜单中，单击“网络和共享中心”。
3. 根据您的网络连接，在出现的对话框上，单击“本地连接”或“无线网络连接”。
4. 在“支持”选项卡中，单击“详细信息”按钮。将会显示“网络设置”。

要将网络设置输入到产品中，请按照下面的步骤操作:

1. 在主菜单中，按 ◄► 按钮选择设置，然后按确认按钮。
2. 按 ▲▼ 按钮选择网络，然后按确认按钮。
3. 按 ▲▼ 按钮选择网络设置，然后按确认按钮。有线网络设置 屏幕将会出现。
4. 在 Internet 协议设置屏幕上，按确认按钮
5. 按 ▲▼ 按钮选择手动，然后按确认按钮。
6. 按 ▼ 按钮转至第一个输入字段（IP 地址）。
7. 使用遥控器上的数字按钮输入数字。
8. 完成每个字段后，使用 ► 按钮相继地移至下一个字段。
   还可以使用其他箭头按钮来上移、下移和返回。
9. 输入 IP 地址、 子网掩码和网关值。
10. 按 ▼ 按钮转至 DNS。
11. 按 ▼ 按钮转至第一个 DNS 输入字段。
12. 如上面所示输入数字。
13. 按遥控器上的返回按钮。
14. 运行网络测试以确保产品已连接至网络

网络测试

使用此菜单来连接到有线网络或检查网络连接是否正常工作。

网络状态

检查是否已建立与网络和 Internet 的连接。

BD-LIVE Internet 连接

选择在您使用 BD-LIVE 服务时是否允许 Internet 连接。

- 允许(全部) : 对所有 BD-LIVE 内容允许 Internet 连接。
- 允许(仅限有效) : 仅对包含有效证书的 BD-LIVE 内容允许 Internet 连接。
- 禁止 : 对所有 BD-LIVE 内容都不允许 Internet 连接。

✎ 注

- 什么是有效证书？
  当产品使用 BD-LIVE 来将光盘数据和请求传送至服务器以认证光盘时，服务器使用传送的数据来检查光盘是否有效并将证书发送回给产品。
- 使用 BD-LIVE 内容时，Internet 连接可能会受到限制。

系统

初始设置

通过使用 初始设置功能，可以设置语言、网络设置等。
有关 初始设置功能的详细信息，请参阅本手册中的“初始设置”部分。（请参阅第 12 页）

Anynet+(HDMI-CEC)

Anynet+ 是一项方便的功能，它提供与具有 Anynet+ 功能的其它 Samsung 播放器相连的操作。
要操作此功能，请使用 HDMI 电缆将播放器连接至 Samsung 电视。
可以使用 Samsung 电视的遥控器操作播放器，并且只需按电视遥控器上的播放(►) 按钮即可开始光盘播放。
有关更多信息，请参阅电视的用户手册。

- 关：Anynet+ 功能将无法正常工作。
- 开：Anynet+ 功能将正常工作。

✎ 注

- 如果 HDMI 电缆不支持 CEC，则此功能不可用。
- 如果 Samsung 电视有 Anynet+ 徽标，则它支持 Anynet+ 功能。
- 根据电视，某些 HDMI 输出分辨率可能不起作用。
  请参阅您电视的用户手册。

BD 数据管理

可让您管理从支持 BD-LIVE 服务的 Blu-ray 光盘下载的内容，这些内容存储在闪存设备中。
可以检查设备信息（包括存储器大小）、删除 BD 数据或更改闪存设备。

BD 数据管理屏幕信息：

- 总空间：设备的总内存大小。
- 可用空间：设备的可用内存大小。

✎ 注

- 在外部存储器模式中，如果在播放期间断开 USB 设备的连接，光盘播放将会停止。
- 只有在 FAT 文件系统（DOS 8.3 卷标）中格式化的 USB 设备受支持。建议您使用支持 USB 2.0 协议且具有 4 MB/秒或更高读/写速度的 USB 设备。
- 格式化存储设备后，继续播放功能可能无法正常工作。
- BD 数据管理的总可用大小可能会因条件而异。

DivX® 视频点播

查看 DivX® VOD 注册代码，购买并播放 DivX® VOD 内容。

语言

可以选择首选用于主菜单、光盘菜单等等的语言。

- 屏幕菜单：选择屏幕显示的语言。
- 光盘菜单：选择光盘菜单显示的语言。
- 音频：选择光盘音频的语言。
- 字幕：选择光盘字幕的语言。

✎ 注

- 仅当光盘支持选择的语言时，它才会显示。

安全

第一次操作此菜单时，密码设置屏幕将会出现。
使用数字按钮输入所需的 4 位数密码。

BD 家长分级控制

禁止播放特定年龄分级的 Blu-ray 光盘，除非输入密码。

- 关：家长分级控制 不活动，所有 Blu-ray 光盘均可播放。
- 开：这将禁止播放分级高于 家长分级 的 Blu-ray 光盘。

DVD 家长分级控制

此功能与已指定年龄分级或数字分级的 Blu-ray 光盘/DVD 搭配使用，分级表示内容的成熟度。
这些数字有助于控制家庭观看的 Blu-ray 光盘/DVD 类型。
在家长分级控制中选择您要设置的年龄分级，例如，如果您选择级别 6，则产品将播放 6 级和以下分级的光盘，不能播放 7 级或 8 级的光盘。

YouTube 锁定

限制入密码才能使用YouTube服务。

- 关：关闭 YouTube 锁定。
- 开：打开 YouTube 锁定。

更改PIN码

更改用于访问安全功能的 4 位数的密码。

如果您忘记密码

1. 取出光盘。
2. 按下前面板上的播放/暂停按钮(■) 按钮并保持 5 秒以上。
   所有设置将恢复为出厂默认设置。

✎ 注

- 恢复出厂默认设置时，将会删除所有存储的用户 BD 数据。

常规

时区

可以指定适合您所在地区的时区。

支持

软件升级

软件升级菜单可让您升级播放器软件，以提高性能或取得其它服务。

通过网络

要通过 通过网络 升级，请按照下面的步骤操作：

1. 选择 通过网络，然后按确认按钮。消息“链接至服务器”将会出现。
2. 如果有更新可用，将会出现一则弹出消息。
3. 如果选择 是，播放器将会自动关闭，然后重新启动。
   （在升级期间不要打开播放器。）
4. 更新进度弹出窗口将会出现。
   更新完成后，播放器将会自动再次关闭。
5. 按 电源 按钮以打开播放器。

✎ 注

- 当产品在重新启动后关闭时，更新就完成了。
- 按电源按钮打开更新后的产品以进行使用。
  在更新期间，切勿手动关闭或打开产品。
- 对于不稳定的 Internet 连接或在软件升级期间消费者粗心大意造成的产品功能异常，Samsung Electronics 不承担任何法律责任。
- 如果在下载升级数据过程中要取消升级，请按确认按钮。

从USB升级

要通过 USB 升级，请按照下面的步骤操作：

1. 访问 www.samsung.com/bluraysupport
2. 将最新 USB 软件升级 Zip 存档下载到计算机中。
3. 将 Zip 存档解压到计算机中。 应该生成一个与 Zip 文件名称相同的 RUF 文件。
   将文件夹复制到 USB 闪存设备。
4. 将 RUF 文件复制到 USB 闪存设备。
5. 确保播放器中无光盘，然后将 USB 闪存设备插入播放器的 USB 端口。
6. 在播放器菜单中，转到设置>支持>软件升级。
7. 选择从USB升级。

✎ 注

- 使用 USB Host 插孔进行软件升级时，光盘托架必须是空的。
- 软件升级完成后，可在 软件升级菜单中查看软件详细信息。
- 在软件升级期间，不要关闭播放器。可能会导致播放器出现故障。
- 使用 USB Host 插孔执行软件升级时只能使用 USB 闪存棒进行。

自动升级通知

如果已将播放器连接至网络，然后打开 自动升级通知，则当播放器有新的软件版本可用时，播放器将自动通知您。

要打开 自动升级通知，请按照下面的步骤操作：

1. 选择 自动升级通知，然后按 确认 按钮。
2. 使用 ▲▼ 按钮选择 打开，然后按 确认 按钮。

如果有新的软件版本可用，播放器会通过弹出消息通知您。

1. 如果有更新可用，则会出现一条弹出消息，并询问您是否要升级。如果选择 是，则产品会自动关闭，再重新启动，然后开始升级。
   （此时不要手动打开产品。）
2. 更新进度弹出窗口将会出现。
3. 更新完成后，产品会再次自动关闭。
4. 按电源按钮以打开产品。

✎ 注

- 当产品在重新启动后关闭时，更新就完成了。
  按电源按钮打开更新后的产品以进行使用。
  在更新期间，切勿手动关闭或打开产品。
- 对于不稳定的 Internet 连接或在软件升级期间消费者粗心大意造成的产品功能异常，Samsung Electronics 不承担任何法律责任。

联系 Samsung

提供联系信息以协助您使用播放器。

服务协议条款

查看有关第三方内容和服务的一般声明。

重设

所有设置将还原到默认设置，网络设置和 设置除外。

基本功能

播放视频

播放

1. 按打开/关闭(⏏) 按钮以打开光盘托架。
2. 轻轻地将光盘放到托架中，光盘的标签向上。
3. 按打开/关闭(⏏) 按钮以关闭光盘托架。
4. 按播放(▶) 按钮。

与播放相关的按钮

播放 (▶)	开始播放。
停止 (■)	停止播放。 • 如果按该按钮一次：将会记住停止位置。 • 如果按该按钮两次：将不会记住停止位置。
暂停 (⏸)	暂停播放。

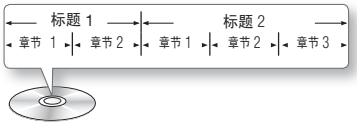
✎ 注

- 对于一些光盘，按停止(■) 按钮一次可能不会记住恢复位置。
- 具有 20Mbps 或更高位速率的视频文件会影响播放器功能，可能会在播放过程中停止播放。

光盘结构

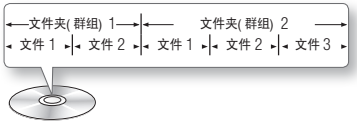
光盘的内容通常划分如下。

- Blu-ray 光盘，DVD-VIDEO



- 音频 CD (CD-DA)

- MP3、WMA、DivX、MKV 和 MP4



使用光盘菜单/标题菜单/弹出菜单

使用光盘菜单

BD-ROM DVD-VIDEO

1. 在播放期间，按遥控器上的光盘菜单按钮。
2. 按 ▲▼◄► 按钮进行选择，然后按确认按钮。.

✎ 注

- 根据光盘的不同，菜单项可能会不相同，或者此菜单不可用。

使用标题菜单

DVD-VIDEO

1. 在播放期间，按遥控器上的标题菜单按钮。
2. 按 ▲▼◄► 按钮做出所需选择，然后按确认按钮。

✎ 注

- 根据光盘的不同，菜单项可能会不相同，或者此菜单不可用。

播放标题列表

BD-RE/-R

1. 在播放期间，按光盘菜单或标题菜单按钮。
2. 按 ▲▼ 按钮以从 标题列表中选择要播放的项目，然后按确认按钮。

✎ 注

- 如果光盘具有播放列表，请按绿色 (B) 按钮转至 播放列表。

使用弹出菜单

BD-ROM

1. 在播放期间，按遥控器上的弹出菜单按钮。
2. 按 ▲▼◄► 按钮或确认按钮选择所需的菜单。

✎ 注

- 根据光盘的不同，菜单项可能会不相同，或者此菜单不可用。

使用搜索和跳过功能

在播放期间，可以搜索章节或曲目，并使用跳过功能来跳到下一章节。

搜索所需的场景

BD-ROM BD-RE/-R DVD-VIDEO DVD+RW/+R DivX/MKV/MP4

- 在播放期间，按搜索 (◄◄ ►►) 按钮。
  每次按搜索 (◄◄ ►►) 按钮时，播放速度将发生如下改变：

BD-ROM, BD-RE/-R, DVD-RW/-R, DVD+RW/+R, DVD-VIDEO	▶▶ 1 → ▶▶ 2 → ▶▶ 3 → ▶▶ 4 → ▶▶ 5 → ▶▶ 6 → ▶▶ 7 ◀◀ 1 → ◀◀ 2 → ◀◀ 3 → ◀◀ 4 → ◀◀ 5 → ◀◀ 6 → ◀◀ 7
DivX, MKV, MP4	▶▶ 1 → ▶▶ 2 → ▶▶ 3 ◀◀ 1 → ◀◀ 2 → ◀◀ 3

- 要恢复正常播放速度，请按播放 (▶) 按钮。

✎ 注

- 播放器在搜索模式下不会输出声音。

跳过章节

BD-ROM BD-RE/-R DVD-VIDEO DVD+RW/+R DivX/MKV/MP4

- 在播放期间，按跳过 (⏮ ⏭) 按钮。
  如果按跳过 (⏭) 按钮，光盘将移至下一个章节。
  如果按跳过 (⏮) 按钮，光盘将移至章节的开头。再按一次会使光盘移至上一个章节的开头。

慢动作播放/逐帧向前播放

慢动作播放

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R DivX/MKV/MP4

- 在暂停模式中，按搜索 (▶▶) 按钮。
  每次按搜索 (▶▶) 按钮时，播放速度将发生如下变化：
  * 1/8 * 1/4 * 1/2
- 要恢复正常播放速度，请按播放 (▶) 按钮。

✎ 注

- 播放器在慢动作播放模式下不会输出声音。

逐个动作播放

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R DivX/MKV/MP4

- 在暂停模式中，按暂停 (⏸) 按钮。
  每次按暂停 (⏸) 按钮时，将显示新的一帧。
- 要恢复正常播放速度，请按播放 (▶) 按钮。

✎ 注

- 播放器在逐个动作播放模式下不会输出声音。

使用工具按钮

在播放期间，可以按工具按钮操作光盘。

✎ 注

- 根据光盘的不同，工具菜单可能会不相同。

直接移到所需的场景

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R

1. 在播放期间，按工具按钮。
2. 按 ▲▼ 按钮选择 标题搜索、章节搜索或时间搜索。
3. 按 ◄► 或数字按钮选择所需标题、章节或时间，然后按确认按钮。

重复标题或章节

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R

重复光盘标题或章节。

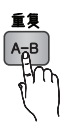
根据光盘的不同，重复功能可能不可用。

1. 在播放期间，按遥控器上的重复按钮。
2. 按 ◄► 按钮选择章节或标题，然后按确认按钮。
3. 要恢复正常播放，请再次按重复按钮。
4. 按 ◄► 按钮选择关，然后按确认按钮。

重复部分

BD-ROM BD-RE/-R DVD-VIDEO DVD±RW/±R

1. 在播放期间，按遥控器上的重复 A-B 按钮。
2. 在要开始重复播放的点 (A) 按确重复 A-B 按钮。
3. 在要停止重复播放的点 (B) 按确重复 A-B 按钮。
4. 要恢复正常播放，按 重复 A-B 按钮选择关。



✎ 注

- 如果在过了 5 秒钟之后设置点 (B)，则会出现禁止消息。
- 根据光盘的不同，菜单项可能会不相同，或者此菜单不可用。

选择音频语言

BD-ROM BD-RE/-R DVD-VIDEO DivX/MKV/MP4

还可以按遥控器上的音频按钮操作此功能。

1. 在播放期间，按工具按钮。
2. 按 ▲▼ 按钮选择音频。
3. 按 ◄► 按钮选择所需的音频语言。

✎ 注

- 如果 BONUSVIEW 部分不包含任何 BONUSVIEW 音频设置，则 ◄► 指示符不会显示在屏幕上。
- 如果 Blu-ray 光盘具有 BONUSVIEW 部分，则还会显示有关主要特征/ BONUSVIEW 模式的信息。
  按 ◄► 按钮在主要特征和 BONUSVIEW 音频模式之间切换。
- 音频语言功能的可用语言取决于光盘中的编码语言。此功能或特定语言可能不可用。
- Blu-ray 光盘最多可包含 32 种音频语言，DVD 光盘最多可包含 8 种音频语言。
- 一些 Blu-ray 光盘可能允许您选择英语的多声道 PCM 或 Dolby 数字音频音轨。
- 如果按遥控器上的音频按钮，将出现音频栏。
  按返回按钮，将除去音频栏。

选择字幕语言

BD-ROM DVD-VIDEO DivX/MKV/MP4

还可以按遥控器上的字幕按钮操作此功能。

1. 在播放期间，按工具按钮。
2. 按 ▲▼ 按钮选择字幕。
3. 按 ◄► 按钮选择所需的字幕语言。

✎ 注

- 根据 Blu-ray 光盘/DVD 的不同，您可能可以在 光盘菜单中更改所需的字幕按光盘菜单按钮。
- 此功能取决于光盘上已编码哪些字幕，可能并非适用于所有 Blu-ray 光盘/ DVD。
- Blu-ray 光盘最多可包含 255 种字幕语言，DVD 光盘最多可包含 32 种字幕语言。
- 如果 Blu-ray 光盘具有 BONUSVIEW 部分，则还会显示有关主要特征/ BONUSVIEW 模式的信息。
- 此功能会同时更改首选和第二字幕。
- 首选字幕和第二字幕的总数会分别显示。
- 如果按遥控器上的字幕按钮，将出现字幕栏。
  按返回按钮，将除去字幕栏。

更改相机视角

BD-ROM DVD-VIDEO

当 Blu-ray 光盘/DVD 包含特定场景的多个角度时，可以使用 视角功能。

1. 在播放期间，按TOOLS按钮。
2. 按 ▲▼ 按钮选择视角。
3. 按 ◄► 按钮选择所需的视角。

选择图像设置

BD-ROM BD-RE/-R DVD-VIDEO DVD+RW/+R

播放器与电视连接时，使用此功能可调节视频质量。

1. 在播放期间，按工具按钮。
2. 按 ▲▼ 按钮选择图像设置，然后按确认按钮。
3. 按 ◄► 按钮选择所需的图像设置。
   - 动态：选择此设置可以提高锐度。
   - 正常：可对大部分观看应用程序选择此设置。
   - 电影：这是最适合看电影的设置。
   - 用户：可以分别调整锐度和降噪功能。

✎ 注

- 使用 BD Wise 功能时，此菜单不会出现。

设置 BONUSVIEW

BD-ROM

BONUSVIEW 功能可让您在播放电影的同时，在小屏幕窗口中查看其它内容（例如评论）。
仅当光盘具有 Bonusview 功能时，此功能才可用。

1. 在播放期间，按工具按钮。
2. 按 ▲▼ 按钮选择 BONUSVIEW 视频或 BONUSVIEW 音频。
3. 按 ◄► 按钮选择所需的 Bonusview。

✎ 注

- 如果从 BONUSVIEW 视频切换，BONUSVIEW 音频将会根据 BONUSVIEW 视频自动更改。

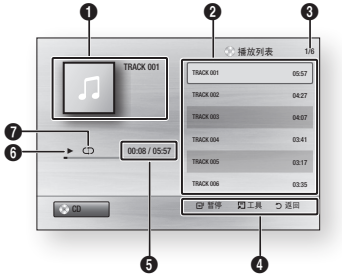
聆听音乐

Audio CD MP3/WMA

播放音频 CD (CD-DA)/MP3

1. 将音频 CD (CD-DA) 或 MP3 光盘插入到光盘托架中。
   - 对于音频 CD (CD-DA)，第一个音轨会自动播放。
   - 对于 MP3 光盘，按 ▲▼ 按钮选择音乐，然后按确认按钮。
2. 按 ▲▼ 按钮选择要播放的曲目，然后按确认按钮。

音频 CD (CD-DA)/MP3 屏幕元素



❶	显示音乐信息。
❷	显示播放列表。
❸	显示当前曲目/总曲目数。
❹	显示可用按钮。
❺	显示当前播放时间/总播放时间。
❻	显示当前播放状态。
❼	显示重复的播放状态。

重复音频 CD (CD-DA)/MP3

1. 在 播放列表播放期间，按工具按钮。
2. 按 按钮选择重复模式，然后按 ◄► 按钮选择所需重复模式。
3. 按确认按钮。

重复模式：

关	音频 CD (CD-DA)/ MP3	按将曲目刻录到光盘上的顺序播放光盘上的曲目。
(↻) 曲目	音频 CD (CD-DA)	重复当前曲目。
(↻) 一个	MP3	重复当前曲目。
(↻) 全部	音频 CD (CD-DA)/ MP3	重复所有的曲目。
(⤮) 随机	音频 CD (CD-DA)/ MP3	随机选项会随机播放光盘的曲目。

播放列表

1. 将音频 CD (CD-DA) 或 MP3 光盘插入到光盘托架中。
   - 对于音频 CD (CD-DA)，第一个音轨会自动播放。
   - 对于 MP3 光盘，按 ▲▼ 按钮选择音乐，然后按确认按钮。
2. 要移至音乐列表，请按停止 (■) 或返回按钮。
   将会显示音乐列表屏幕。
3. 按 ▲▼◄► 按钮移至所需曲目，然后按黄色 (C) 按钮选择所需的曲目。
   重复此过程以选择其他曲目。
4. 如果播放列表中有不需要的曲目，请再次按黄色 (C) 按钮。
   将会删除所选定的曲目。。
5. 按确认按钮以播放所选定的曲目。
   将会自动播放所选定的曲目。
6. 要转至音乐列表，请按停止 (■) 或返回按钮。
7. 要转至播放列表，请按确认按钮。

✎ 注

- 可以在音频 CD (CD-DA) 上创建最多含有 99 个曲目的播放列表。

播放图像

JPEG

播放 JPEG 文件

1. 将 JPEG 光盘插入到光盘托架中。
2. 按 ▲▼ 按钮选择照片，然后按确认按钮。
3. 按 ▲▼◄► 按钮选择要播放的文件夹，然后按确认按钮。
4. 按 ▲▼◄► 按钮选择要播放的照片，然后按确认按钮。

✎ 注

- 在全屏幕模式中，不能放大字幕和 PG 图片。

使用工具按钮

在幻灯片播放期间，可以按工具按钮来使用各种功能。

- 开始播放幻灯片: 选择此项开始幻灯片播放。
- 停止播放幻灯片 : 如果要停止幻灯片放映，请选择此项。
- 幻灯片播放速度 : 如果要调整幻灯片播放速度，请选择此项。
- 背景音乐 : 如果要在观看图片的同时聆听音乐，请选择此项。
- 缩放 : 如果要放大当前图片，请选择此项。（最多放大 4 倍）
- 旋转 : 如果要旋转图片，请选择此项。（这会使图片顺时针或逆时针旋转。）
- 信息 : 显示图片信息，包括名称和大小等等。

✎ 注

- 要启用背景音乐功能，照片文件必须同音乐文件存储在同一介质中。但是，声音质量可能会受到 MP3 文件位速率、照片大小和编码方法的影响。
- 开始幻灯片播放 和 停止幻灯片播放 交替，视您是否正在运行幻灯片而定。

播放选择的照片

您可以通过按遥控器上的黄色 (C) 按钮来选择要播放的特定照片。 要选择特定照片，请按照下面的步骤操作：

1. 选择包含要查看的照片的文件，然后按 ENTER（确认）按钮。
2. 按 ▲▼◄► 按钮选择要播放的照片，然后按黄色 (C) 按钮。 一个勾号会出现在照片上。
3. 对于要播放的每张照片，重复上面的步骤 2。

✎ 注

- 要取消选择某张照片，请按 ▲▼◄► 按钮突出显示该照片，然后按黄色 (C) 按钮。

4. 完成后，按 确认 按钮。 幻灯片播放将会开始。使用相同方法，还可设置幻灯片播放的速度和效果。

使用 USB 存储设备播放

可以使用 USB 连接来播放从 USB 存储设备下载的多媒体文件（MP3、JPEG、DivX 等等）。

1. 移至主菜单。
2. 在停止模式中，将 USB 存储设备连接至产品前面板上的 USB 端口。
   将会显示消息“是否要更改设备?”。
3. 按 ◄► 按钮选择是，然后按确认按钮。
4. 按红色 (A) 按钮或蓝色 (D) 按钮。
   如果按红色 (A) 按钮，请转至步骤 5。
   如果按蓝色 (D) 按钮，请转至步骤 4-1。

5. 按 ▲▼ 按钮选择 USB，然后按确认按钮。
6. 按 ◄► 按钮选择所需的视频、音乐或照片，然后按确认按钮。 转至步骤 7。

4-1. 按蓝色 (D) 按钮，将出现以下屏幕。 转至 5-1。

5-1. 按 ◄► 按钮选择 USB，然后按确认按钮。

6-1. 按 ▲▼ 按钮选择所需的视频、音乐或照片，然后按确认按钮。

7. 有关播放视频、音乐和照片文件的信息，请参阅第 19~22 页。

✎ 注

- 必须安全移除 USB 存储设备（通过执行“安全移除 USB”功能），以避免可能损坏 USB 存储器。
  按菜单按钮移至主菜单，然后按黄色 (C) 按钮，接着按确认按钮。
- 当音频 CD (CD-DA)、MP3 和 JPEG 文件处于停止模式时，遥控器上的全屏按钮不起作用。
- 如果在播放 USB 存储设备时插入光盘，则设备模式会自动更改为“DVD 或 CD”。

网络服务

通过将播放器连接至网络，您可以享受 或 BD-LIVE 等网络服务。

在使用任何网络服务之前，请阅读以下说明。

1. 将播放器连接至网络。
   （请参阅第 10~11 页）
2. 配置网络设置。
   （请参阅第 16 页）

BD-LIVE™

旦将播放器连接至网络，就可以使用符合 BD-LIVE 的光盘欣赏各种与电影相关的服务内容。

1. 将 USB 内存棒连接到播放器侧面的 USB 插孔，然后检查剩余内存空间。存储设备至少必须有 1GB 可用空间才能容纳 BD-LIVE 服务。
2. 插入支持 BD-LIVE 的 Blu-ray 光盘。
3. 从光盘制造商提供的各种 BD-LIVE 服务内容中选择一个项目。

✎ 注

- 使用 BD-LIVE 的方式和提供的内容可能会因光盘制造商而异。

使用 AllShare 功能

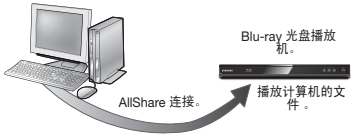
借助 AllShare，您可以在播放器上播放个人计算机、 兼容手机或 NAS 设备上的音乐、视频和照片文件。
要在播放器上使用 AllShare，必须将播放器连接到网络（请参阅第 10~11 页）。
要在计算机上使用 AllShare，必须在计算机上安装 AllShare 软件。
如果您有 兼容手机或 NAS，那么无须其它软件即可使用 AllShare。

要下载 AllShare 软件

1. 访问 www.samsung.com。
2. 单击“服务中心”>“下载中心”，在出现的字段中输入播放器的产品号，然后单击“查看所有结果”。
3. 在下一个屏幕中，单击 Get Downloads under the Downloads menu（在下载菜单下取得下载内容）。
4. 在下一页上单击 Software（软件）。
5. 单击 File（文件）下的 AllShare 行中的图标以开始下载。

使用 Blu-ray 光盘播放器播放位于计算机中的内容。

可以使用 Blu-ray 光盘播放机观看计算机的共享文件。
可以从 Samsung.com 网站获取 AllShare 的详细使用说明。



附录

故障排除

在请求服务之前，请检查下列各项。

问题	解决方案
不能使用遥控器执行任何操作。	• 检查遥控器中的电池。它们可能需要更换。 • 在不超过 6.1 米的距离内操作遥控器。 • 取出电池并按下一个或多个按钮几分钟以使遥控器中的微处理器完全放电，这样来重置遥控器。重新安装电池并重试操作遥控器。
光盘不播放。	• 请确保安装光盘时标签向上。 • 检查 Blu-ray 光盘/DVD 的地区代码。
光盘菜单不出现。	• 请确保光盘有光盘菜单。
禁止消息出现在屏幕上。	• 当按无效的按钮时，此消息就会出现。 • Blu-ray 光盘/DVD 的软件不支持该功能（例如，视角）。 • 您请求了超出范围的标题号、章节号或搜索时间。
播放模式不同于设置菜单选择。	• 在设置菜单中选择的一些功能可能无法正常工作（当光盘未用相应的功能编码时）。
屏幕比例无法更改。	• 屏幕比例在 Blu-ray 光盘/DVD 上是固定的。 • 这并非是播放器存在问题。
无音频。	• 请确保在 音频选项菜单中选择了正确的数字输出。
屏幕分块。	• 如果 HDMI 输出设置为电视不支持的分辨率（例如，1080p），则可能在电视上看不到图像。 • 在播放器内无光盘的情况下，按前面板上的播放/暂停按钮 (⏯) 按钮 5 秒钟以上。所有设置将恢复为出厂默认设置。 • 恢复出厂默认设置时，将会删除所有存储的用户 BD 数据。

问题	解决方案
忘记密码。	• 在播放器内无光盘的情况下，按前面板上的播放/暂停按钮 (⏯) 按钮 5 秒钟以上。所有设置（包括密码）将恢复为出厂默认设置。 除非绝对必要，否则不要使用此功能。 • 恢复出厂默认设置时，将会删除所有存储的用户 BD 数据。
如果您遇到其它问题。	• 转至目录并查找包含有关当前问题说明的用户手册章节，并再次按照程序操作。 • 如果仍然无法解决问题，请与最近的 Samsung 授权服务中心联系。
图像有杂讯或变形。	• 请确保光盘不脏或没有刮花。 • 清洁光盘。
没有 HDMI 输出。	• 检查电视与播放器的 HDMI 插孔之间的连接。 • 检查电视是否支持 576p/480p、720p、1080i、1080p HDMI 输入分辨率。
HDMI 输出屏幕异常。	• 如果电视不支持 HDCP（高带宽数字内容保护），那么屏幕上将出现雪花信噪。
AllShare 功能	
可以看到 AllShare 共享文件夹，但看不到文件。	• AllShare 仅显示图像、音乐和电影类别的文件。上述类别之外的文件可能不会显示。
视频播放时断时续。	• 检查网络是否稳定。 • 检查网络电缆连接是否正确，以及网络是否超载。
电视与计算机之间的 AllShare 连接不稳定。	• 同一个子网下的 IP 地址应该唯一。如果不是，IP 冲突会引发此种现象。 • 检查是否已启用防火墙。 如果已启用，请禁用防火墙功能。

问题	解决方案
BD-LIVE	
我无法连接至 BD-LIVE 服务器。	• 使用网络状态菜单检查网络连接是否成功。 • 检查 USB 内存设备是否已连接到播放器。 • 存储设备至少必须有 1GB 可用空间才能容纳 BD-LIVE 服务。 可以在 BD 数据管理中检查可用空间大小。 • 请检查 BD-LIVE Internet 连接菜单是否设置为允许（全部）。 • 如果上述检查结束后问题仍然存在，请与内容提供商联系或为播放器更新最新固件。
使用 BD-LIVE 服务时，发生错误。	• 存储设备至少必须有 1GB 可用空间才能容纳 BD-LIVE 服务。 可以在 BD 数据管理中检查可用空间大小。

✎ 注

- 恢复出厂默认设置时，将会删除所有存储的用户 BD 数据。

维修

如果联系我们对播放器进行维修，在下列情况下可能需要支付管理费：

1. 请求工程师到您家中维修，并且发生的问题并非产品缺陷。
2. 您将机组带至维修中心，但不存在产品缺陷。

进行家庭现场维修或开始维修播放器前，我们会声明管理费用数额。
我们建议您先全面阅读此手册，在线访问 www.samsung.com 搜索解决方案，或者联系 Samsung 客户中心，然后再寻求对播放器进行维修。

规格

常规	重量	1.3 公斤
	尺寸	360（宽）X 193（厚）X 41（高）（毫米）
	操作温度范围	+5° C 至 +35° C
	操作湿度范围	10 % 至 75 %
USB	类型 A。	USB 2.0
	DC 输出 。	最大 5V 500mA。
HDMI	视频	1080p、1080i、720p、576p/480p
	音频	PCM、位流音频
音频输出	数字音频输出	Coaxial
网络	以太网	100BASE-TX 端子

- 如果网络速度低于 10Mbps，则它不受支持。
- 设计和规格可能会随时更改，恕不提前通知。
- 对于电源和功耗，请参阅贴在产品上的标签。
- 重量和尺寸均为近似值。

产品内有害物质信息

部件名称	有毒有害物质元素					
	铅（Pb）	汞（Hg）	镉（Cd）	六价铬 Cr（VI）	多溴联苯（PBB）	多溴二苯醚（PBDE）
印制电路板组件	X	O	O	O	O	O
金属部品	X	O	O	O	O	O
电缆	X	O	O	O	O	O
塑料部品	O	O	O	O	O	O

O：部品中有毒有害物质含量在<含量标准>的标准值内
X：部品中有毒有害物质含量超出<含量标准>的标准值

本表格表明机器内部含有有害物质，数据是根据部件类型，由部件制作商提供并在三星电子内部验证后做成的。
某些部品包含的有害物质，按照现在的技术基准不能替代，三星电子一直在为改善此项而努力。

企业标准编号：Q/12JD 5893-2010

符合性和兼容性声明

并非所有光盘都兼容

- 受下面所述限制以及整本手册（包括本用户手册的“光盘类型和特征”一节）中说明的那些限制约束，可以播放的光盘类型有：预先录制的商业 BD-ROM、DVD-VIDEO 和音频 CD (CD-DA) 光盘；BD-RE/-R、DVD-RW/-R 光盘和 CD-RW/-R 光盘。
- 本播放器不能和/或不用于播放上述光盘以外的光盘。并且由于下面提供的一个或多个原因，上面的一些光盘可能不能播放。
- Samsung 不能保证本播放器将可以播放带有 BD-ROM、BD-RE/-R、DVD-VIDEO、DVD-RW/-R、DVD+RW/+ R 和 CD-RW/-R 徽标的每张光盘，并且本播放器可能不会响应所有操作命令或操作每张光盘的所有功能。造成这些光盘及其它光盘与具有新格式或现有格式光盘的兼容性和播放器操作问题的可能原因有：
  - Blu-ray 是新的不断发展的格式，本播放器可能不能操作 Blu-ray 光盘的所有功能，因为一些功能可能是在生产本播放器之后才添加到 Blu-ray 光盘格式的可选附加功能，并且某一些可用的功能可能会延后提供；
  - 本播放器并不支持所有新的和现有的光盘格式版本；
  - 可能会对新的和现有的光盘格式进行修改、更改、更新、改进和/或补充；
  - 一些光盘的制作方式使得在播放期间只允许使用特定或有限的操作和功能；
  - 一些功能可能是在本播放器生产之后增加的可选附加功能，并且某些可用的功能可能会延后提供；
  - 带有 BD-ROM、BD-RE/-R、DVD-VIDEO、DVD-RW/-R、DVD+RW/+ R 和 CD-RW/-R 徽标的一些光盘可能仍然是非标准化光盘；
  - 一些光盘可能无法播放，具体视其物理状态或录制条件而定；
  - 在制作 Blu-ray 光盘、DVD 软件和/或生产光盘时可能会出现问题和发生错误；
  - 本播放器的操作方式不同于标准 DVD 播放器或其它 AV 设备；和/或
  - 出于本用户手册中提到的原因和 SAMSUNG 客户服务中心发现和公布的其它原因。
- 如果您遇到光盘兼容性或播放器操作问题，请与 SAMSUNG 客户中心联系。
  还可与 SAMSUNG 客户中心联系，以获取可能存在的有关本播放器的更新。
- 有关播放限制和光盘兼容性的其它信息，请参阅本用户手册的“预防措施”、“在阅读本用户手册之前”、“光盘类型和特征”和“在播放之前”等节。
- 对于 Blu-ray 光盘播放机逐行扫描输出：消费者应注意，并非所有高清电视都完全与本产品兼容，并且可能会导致在图像中显示杂讯。如果发生逐行扫描图像问题，建议用户将连接切换至“标准定义”输出。如果对我们电视机与本产品的兼容性存在疑问，请与我们的客户服务中心联系。

复制保护

- 因为 AACS（高级访问内容系统）已获准成为 Blu-ray 光盘格式的内容保护系统，这类似于对 DVD 格式使用 CSS（内容加扰系统），受 AACS 保护的内容会存在播放、模拟信号输出等特定限制。
  本产品的操作和对本产品的限制可能会因购买时间而异，因为在生产本产品之后，AACS 可能会承继和/或更改那些限制。另外，BD-ROM 标记和 BD+ 另用作 Blu-ray 光盘格式的内容保护系统，它们施加特定限制，包括对含有 BD-ROM 标记和/或受 BD+ 保护内容的播放限制。要获取有关 AACS、BD-ROM 标记、BD+ 或本产品的其它信息，请与 SAMSUNG 客户中心联系。
- 许多 Blu-ray 光盘/DVD 在编码时带复制保护。因此，只应将播放器直接连接到电视，不能连接至 VCR。连接至 VCR 可能会导致受复制保护的 Blu-ray 光盘/DVD 产生图像失真。
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